

Redashe

Lubrication Equipment



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K40-K45 Levergun

GREASING EQUIPMENT – HAND OPERATED



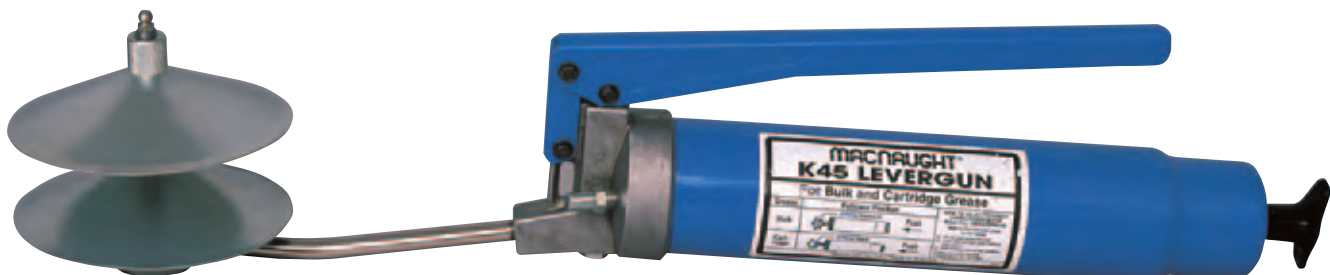
K45 LEVERGUN (450GMS) K40 LEVERGUN (400GMS/14.5OZ)

A high quality lever grease gun from Macnaught for professionals. This Levergun is engineered for high pressure greasing providing up to 69,000kPa/10,000 PSI/690 BAR. The Levergun can be filled by one of three ways: cartridge, bulk or J2 Grease Pump.


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FEATURES:

- Rigid outlet with Supergrip KY Coupler
- Filling Options: Bulk, Cartridge or J2 Grease Pump
- Delivers up to 69,000kPa/10,000 PSI/690 bar grease pressure
- Delivers 1.5gms per shot
- Filler/bleeder nipple 1/8" BSP (M)
- Fully repairable
- Suitable for use with greases up to NLGI No. 2



LeverGun with optional grease bearing packer

Flexigun

GREASING EQUIPMENT – HAND OPERATED

K29 FLEXIGUN (450GMS) K32 FLEXIGUN (400GMS/14.50Z)

A unique single hand operated grease gun of superior quality for professionals.

The short stroke operation delivers 52,000kPa/7,500

PSI/520 BAR whilst the flexible extension allows you to access nipples that are normally hard to reach. The Flexigun can be filled by one of three ways: cartridge, bulk or J2 Grease Pump. Zinc versions of the Flexigun the K29-Z (450gms) and K32-Z

(400gms) are available for use in underground mines. This version has the same high performance levels as the Flexigun.



FEATURES:

- Short stroke operation, easily delivers up to 52,000kPa/7,500 psi/520 bar
- Easy one hand operation
- Flexible outlet with Supergrip KY Coupler
- Filling Options: Bulk, Cartridge or J2 Grease Pump
- Delivers 0.68gm per shot
- Filler/bleeder nipple 1/4" BSP (M)
- Fully repairable
- Suitable for use with greases up to NLGI No. 2



FGK1 Flexi Greasing Kit

GREASING EQUIPMENT - HAND OPERATED

Supplied in a convenient outer carry case to protect your Flexigun and accessories and keep them free from dust, dirt and damage. The case includes snap-lock moulded fittings, designed to hold all parts firmly in the case and prevent loss of equipment.

FEATURES:

- K32 Flexigun and KY Coupler
- KZDXL straight needlepoint coupler
- KDR right-angle coupler
- KD62 rigid extension
- KN injection needle

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Shown with K29 Flexigun. Not supplied with spare grease cartridge as illustrated

Heavy Duty Lever Grease Gun

ZG1

Heavy-duty lever grease gun for punishing every day use. Generates 10,000 PSI (690 BAR) pressure that can help to clear blocked or damaged grease nipples.

FEATURES:

- Develops 10,000 PSI / 690 BAR
- Variable stroke feature built in for use in confined areas.
- Refillable options: 400g cartridge, bulk or manual fill.
- Heavy-duty grease gun head incorporates a bulk loader and an air bleeder valve.
- Unique lock lever mechanism allows user to easily lock plunger rod in any position.
- 1 gm / stroke.
- Complete with 6" (150mm) steel extension and professional 4-jaw coupler.



Lever Grease Gun

ZLGG

General purpose side lever grease gun with a drop resistant steel head construction. Accepts standard 400g cartridge, but can also be bulk or suction filled. Supplied with rigid extension tube and push-on 4-jaw hydraulic coupler.

FEATURES:

- Delivers up to 6,000PSI / 413BAR grease pressure
- Complete with 6" (150mm) steel extension & 4-jaw coupler.
- Air release through loader fitting.
- Two hand operation with soft rubber grip on lever handle for comfortable operation.
- Durable powder coated finish
- 12-Month Warranty



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Lever Grease Gun 'Clear Vision'

ZLGGC

Heavy-duty lever grease gun fitted with the unique 'Clear Vision' transparent barrel for punishing every day use. Generates 10,000 PSI (690 BAR) pressure that can help to clear blocked or damaged grease nipples.

FEATURES:

- Tough and impact resistant polycarbonate barrel with die cast aluminium fittings.
- Develops 10,000 PSI / 690 BAR
- Variable stroke feature built in for use in confined areas.
- Refillable options: 400g Cartridge, bulk or manual fill.
- Heavy-duty grease gun head incorporates a bulk loader and an air bleeder valve.
- Unique lock lever mechanism allows user to easily lock plunger rod in any position.
- 1 gm / stroke.
- Complete with 6" (150mm) steel extension and professional 4-jaw coupler.



'Clear Vision' Range

The 'Clear Vision' range is a unique system that gives you 100% confidence of dispensing the correct grease; ensuring you don't make costly mistakes that cannot be reversed. This is achieved by fitting your new grease gun with a transparent barrel made from a high-grade polycarbonate, that is stronger and tougher than steel. The tubes are drop and impact resistant and UV stabilized for working in practically any kind of weather condition.

Premium Pistol Grip Grease Gun

ZG55



Ergonomic one hand operation grease gun with unique variable stroke mechanism for both high volume & high-pressure applications. High volume for faster greasing and high pressure for use in cold weather conditions.

FEATURES:

- Develops 7,000 PSI / 480 BAR
- Simple adjustment lever to switch between high pressure and high volume setting.
- Refillable options: 400g Cartridge, bulk or manual fill.
- Handles NLGI 1, 2 & 3 grease.
- Complete with 12" (300mm) flexible extension and professional 4-jaw coupler.
- Up to 0.84 gms / stroke.



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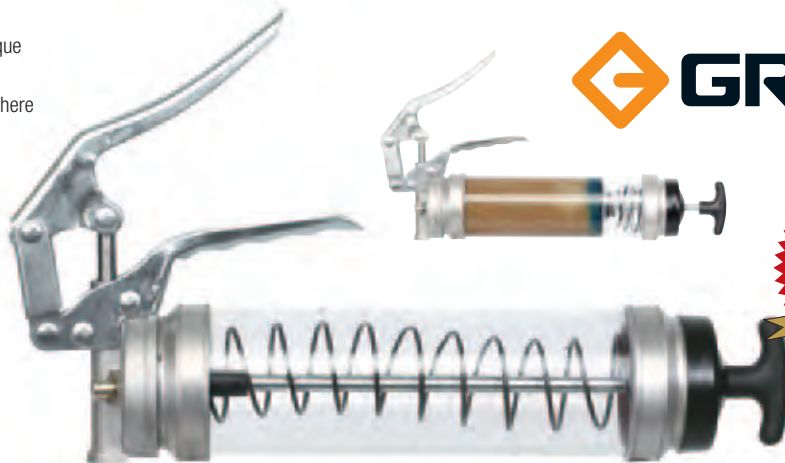
Pistol Grip Grease Gun 'Clear Vision'

ZPGGC

Single hand operation grease gun fitted with the unique 'Clear Vision' transparent barrel.
This gun is designed for use in confined spaces or where access to the grease nipple is limited.

FEATURES:

- Tough and impact resistant polycarbonate barrel with die cast aluminium fittings.
- Develops 5,000 PSI / 345 BAR
- Delivers up to 0.50 gms / stroke.
- Complete with 12" (300mm) flexible extension and professional 4-jaw coupler.
- Refillable options: 400g cartridge or manual fill.



Mini Pistol Grip Grease Gun

ZG16

Mini pistol grip grease gun with convenient pull type operating mechanism.

FEATURES:

- Single hand operation
- Capacity: 3oz (85gms) grease cartridge or 120cc bulk fill
- Maximum pressure 3500psi 240bar
- Delivers: 0.40gm/stroke



Heavy Duty Grease Gun

J1786501

Single hand operation heavy-duty grease gun, supplied with flexible extension and 4-jaw grease coupler.

FEATURES:

- Supplied with flexible extension
- Single hand operation

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K3 Super-Lube

GREASING EQUIPMENT – HAND OPERATED

The K3 Super-lube is a manual greasing system designed to fit grease pails from 12.5kg (28lb) to 22kg (48lb) and includes a unique KR grease gun that delivers grease at either high volume or high pressure up to 69,000kPa/10,000 PSI/690 BAR. When on the high pressure setting blocked grease nipples can be easily cleared.

The fully sealed system ensures that your grease is kept free from contamination that destroys bearings and causes expensive down time. The rubber edged follower wipes the grease off the wall of your grease container.

To operate the K3 Super-Lube press the plunger. This will prime the pump and provide you with 60 shots of grease through the KR grease gun.

The K3 Super-Lube is a very economical way of achieving a bulk greasing system which can be made portable with the optional TR5 drum trolley.

FEATURES:

- Two speed KR grease gun delivers up to 69,000kPa/10,000 PSI/690 bar
- Spring loaded pump provides 60 shots of grease
- 3m (10ft) Delivery Hose
- 360° swivel prevents the hose from kinking
- Rubber edged follower provides wipe down of container walls
- Models to suit 12.5kg (28lb) to 22kg (48lb) pails
- Fully sealed system keeps grease clean
- Delivers approx 1.25gms on high volume switch
- Delivers approx 0.45gm on high pressure switch
- Optional trolley – TR5, provides portability
- Suitable for use with greases up to NLGI No. 2



* Note: Custom- made models available for non-UK spec grease pails.
UK standard size is 12.5kg

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TR5 Drum Trolley

High Pressure Grease Pump

ZHPGP

An easy and portable high-pressure hand operated grease pump.
Provides high pressure greasing, where an air supply is not available.

FEATURES:

- Develops 3,500 PSI / 240 BAR
- Delivers 1.5 gms / stroke
- For use with 12.5kg grease kegs
- Comes complete with lift handle, drum cover, follower plate, 48" (1220mm) grease hose fitted with professional 4-jaw coupler.



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Hand Operated Pumps - Grease Unit

J1700202

Self contained hand operated grease pump unit for repetitive filling of high pressure low volume grease.

FEATURES:

- 16kgs powder coated container with 430mm handle
- 1.8m 1/4" I.D. single wire rubber hose
- Grease control valve with 4 jaw coupler
- Capacity approx. 7.5g / stroke
- Weight: 10kgs / 22lbs



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K7 Mini-Lube

GREASING EQUIPMENT – HAND OPERATED

The K7 MINI-LUBE is a portable manual greasing system designed to fit grease pails* from 2.5kg (5lb) to 5kg (11lb) and includes a unique KR grease gun that delivers grease at either high volume or high pressure up to 69,000kPa/10,000 PSI/690 BAR. When on the high pressure setting blocked grease nipples can be easily cleared. The fully sealed system ensures that your grease is kept free from contamination that destroys bearings and causes expensive down time.

To operate the K7 MINI-LUBE, press the foot plunger. This will prime the pump and provide you with 30 shots of grease through the KR grease gun. The rubber edged follower ensures you use all the grease in the container.

FEATURES:

- Two speed KR grease gun delivers up to 69,000kPa/10,000psi/690 bar
- Spring loaded pump provides 30 shots of grease
- 1.5m (5ft) Delivery Hose
- 360° swivel prevents the hose from kinking
- Rubber edged follower provides wipe down of container walls
- Fully sealed system keeps grease clean
- Delivers approx 1.25gms on high volume switch
- Delivers approx 0.45gm on high pressure switch
- Suitable for use with greases up to NLGI No. 2 (fits 3kg tin)


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The Mini-Lube is also available with a refillable container.
Models K7-24 2.5kg (5lb) & K7-67 5kg (11lb).

* Note: Custom-made models available for non-UK spec grease pails. UK standard size is 3kg

J2 Grease Pump

GREASING EQUIPMENT – HAND OPERATED

For fast and easy loading of grease guns and the Mini-Lube refillable container KT5. The J2 Grease Pump enables you to buy grease more economically whilst the fully sealed system keeps out any contaminants.

FEATURES:

- Transfer grease pump fills K29, K32, K40, K45, K53, K54, KT5 & KT6 (for the K7 Mini-Lube)
- Fully sealed system keeps grease clean
- Rubber edged follower provides wipe down of container walls
- Models available to suit 12.5kg (28lb) to 22kg (48lb) containers
- Delivers 54gms per stroke
- Redashe list the standard UK model suitable for use with 12.5kg grease kegs
- Model J2B supplied with 1.5 m (5 ft) x 12 mm (1/2") ID delivery hose and 6 mm (1/4") BSP male thread instead of the filler tube and nozzle



J2B BUCKET PUMP GREASING EQUIPMENT - HAND OPERATED

All purpose bucket pump designed for lubricating track-roller bearings or for fast fill applications.



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Grease Filler Pump

ZGFP02

Grease filler pump for bulk filling or transferring to grease guns from 12.5kg grease kegs.

FEATURES:

- Kit includes zinc plated pump with zinc die cast pump head and cast aluminium adjusting flange, drum cover, follower plate and female loading fitting.
- Choice of male or female loading adaptors
- Suitable for 12.5kg grease kegs
- For grease up to NLGI 2
- Delivers 28gms (1oz) per stroke



GROZ



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P3 Power-Lube®

GREASING EQUIPMENT – AIR OPERATED

The Macnaught P3 Power-Lube is the ultimate economical, high pressure air powered greasing system.

With models to suit grease containers from 12.5kg (28lb) to 22kg (48lb) the P3 Power-Lube can operate off any small compressor from 3cfm/.08m³.

At the recommended air pressure of 690kPa/100 PSI/7 BAR the 50:1 ratio air motor provides fast and continuous greasing at 34,500kPa/5,000 PSI/345 BAR.

The grease pressure can be boosted to 69,000kPa/10,000 PSI/690 BAR simply by squeezing the B2 Booster Gun trigger several times.

FEATURES:

- Up to 69,000kPa/10,000 PSI/690 BAR greasing pressure through B2 Booster Gun
- Non-Corroding Air Motor – quiet operation
- Air pressure range 400-850kPa/60-125 PSI/4-9 BAR
- Rubber edged follower plate provides wipe down of container walls
- Extra long delivery hose – 4m (13ft) x 6mm (1/4") I.D SAE 100 R2, 1/4" NPT (M)
- 360° high pressure "Z" type ZSB swivel, 1/4" NPT (F), 1/8" BSP (M)
- Handles up to NLGI No 2 greases
- Requires air compressor volume 3cfm/.08m³ and above
- Delivers 460gms of NLGI No 2 grease per minute
- Swivel type air inlet 1/4" NPT (F)
- Optional TR5 trolley for a portable system
- Redashe stock the standard UK model suitable for use with 12.5kg grease kegs



B2 Booster Gun also available separately.

The B2 Booster Gun is supplied with a 360° type swivel ZSB and provides up to 69,000kPa/10,000 PSI/690 Bar grease pressure. This is twice the grease pressure of standard guns.

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P6 Maxi-Lube®

GREASING EQUIPMENT – AIR OPERATED

The P6 Maxi-Lube is a larger version of the P3 Power-lube. Designed to fit grease containers from 50kg (110lb) to 55kg (120lb), the P6 Maxi-Lube offers all the same excellent features as the P3 (refer to previous page).

FEATURES:

- Up to 69,000kPa/10,000 PSI/690 BAR greasing pressure through B2 Booster Gun
- Non-corroding air motor – quiet operation
- Air pressure range 400-850kPa/60-125 PSI/4-9 BAR
- Rubber edged follower plate provides wipe down of container walls
- Extra long delivery hose – 4m (13ft) to 6mm (1/4") I.D SAE 100 R2, 1/4" NPT (M)
- 360° high pressure "Z" type ZSB swivel, 1/4" NPT (F), 1/8" BSP (M)
- Handles up to NLGI No 2 greases
- Requires air compressor volume 3cfm/.08m³ and above
- Delivers 460gms of NLGI No 2 grease per minute
- Swivel type air inlet 1/4" NPT (F)
- Optional TR6 Trolley for a portable system

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Standard UK keg size is 50kg



P8 Maxi-Lube®

GREASING EQUIPMENT – AIR OPERATED

The P8 Maxi-Lube is a 50:1 ratio grease pump designed to fit 180kg (400lb) grease drums. The P8 Maxi-Lube offers all the excellent features of the P3 Power-Lube and the P6 Maxi-Lube.

As most large greasing systems involve individual plumbing and hose reel configurations the P8 Maxi-Lube has individual components.

Includes pump unit, lid, follower plate and suction tube.

Optional extras - B2 booster gun, Z swivel, feeder hose.

FEATURES:

- Up to 69,000kPa/10,000 PSI/690 BAR greasing pressure through B2 Booster Gun
- Non-corroding air motor – quiet operation
- Air pressure range 60-125 PSI/400-850kPa/4-9 BAR
- Unique follower plate (incorporates release valve and removal system)
- Suitable for 180kg (400lb) drums or bulk grease systems
- Handles up to NLGI No 2 greases
- Requires air compressor volume 3cfm/.08m³ and above
- Delivers 460gms of NLGI No 2 grease per minute
- Swivel type air inlet 1/4" NPT (F)
- Grease pump outlet 1/4" NPT (F)



GS200 Grease System

PORTABLE DISPENSING UNITS

The GS200 grease system is totally portable. To begin dispensing, the airline is simply connected to the grease pump. The GS200 is complete with GS200R trolley, P8-11 grease pump and C808-150H grease reel. (Not illustrated.)

FEATURES:

- Suitable for 180kg (400lbs) drums
- P8 (50:1 Ratio) grease pump
- GS200R drum trolley (wheel brake included)
- Lid
- Unique follower plate (incorporates release valve and removal system)
- B2 booster gun (Boosts Grease pressures to 69,000kPa/10,000 PSI /690 Bar)
- C808-150H Grease reel - Hose: 6mm (1/4") I.D. x 15m (50ft)



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Air Operated Grease Pump Kit 50:1

ZGPK125 / GPK50 / GPK180

There are three grease pump kits available, the ZGPK125 suitable for use with standard UK size 12.5kg kegs, ZGPK50 with standard UK size 50kg kegs and ZGPK180 with standard 180kg kegs. All three kits dispense grease at pressures up to 50 times the air inlet pressure. They offer guaranteed performance; hassle free operation and the kits include pump, lid, follower plate, hose, and 'Z' swivel and grease delivery gun. Additional drum trolleys are available as an optional extra.



Specification	
Working Air Pressure	2 - 10 BAR (30 to 150 PSI)
Maximum Air Pressure	10 BAR (150 PSI)
Maximum Outlet Pressure	500 BAR (7500 PSI)
Air Inlet Connection	1/4" BSP (F)
Pump Outlet Connection	1/4" BSP (F)
Air Consumption	230 ltr / min (61 gpm)
Grease Output (NLGI No.2)	1.10 kg / min (2.42 lbs / min)
Noise Level	81 db

FEATURES:

- Kit supplied complete with pump, lid, follower plate, hose, 'Z' swivel & grease delivery gun.
- Recommended use with light and self collapsing grease up to NLGI No. 2
- Optional trolley available

Pump must be supplied with clean, dry, & lubricated air, via an FRL unit - See page 127



50:1 Air-Operated Grease Pump Kits

J1700512 - FOR 12.5KG KEGS / J1700524 - FOR 50KG KEGS

There are two grease pump kits available, the J1700512 suitable for use with standard UK size 12.5kg kegs, and the J1700524, which is suitable for use with standard UK size 50kg kegs. Both of these robust, efficient, trouble free units are supplied complete with pump, lid, follower plate, 4mtr of hose 'z' swivel, and grease delivery gun. A wheel-mounted trolley is available as an optional extra, part No J1708001.

FEATURES:

- Precision machined to ensure stability and long life
- Supplied complete with: - 4mtrs hose; booster gun; 'z' swivel; lid; follower Plate.
- 360 deg 'z' swivel for easy access
- Optional trolley available part no J1708001

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Technical Data	
Ratio	50:1
Working pressure	5 - 8 bar
Air Consumption ltr./min.	151 ltr./min.
Air inlet connection	1/4" NPT quick plug
Grease outlet	1/4" male



(Shown with optional trolley)

Lubeworks Grease Pump Kit 50:1

J1701501 – FOR 12.5KG TO 30KG KEGS / J1701502 – FOR 50KG KEGS

50:1 Air operated grease pump ideal for dispensing grease under high pressure. Supplied as standard equipment with J1700512 and J1700524 grease kits.

FEATURES:

- Precision machined to ensure stability and long life
- Compatible with most grease kegs in the market

	J1701501	J1701502
Drum Application	12.5 - 22 kgs	50 kgs
Pressure Ratio	50:1	50:1
Air Inlet Pressure	5-8 bar / 70-115 psi	5-8 bar / 70-115 psi
Max.Free Flow Rate (min)	800 g / 1.76 lbs	800 g / 1.76 lbs
Suction Tube Diameter	30mm / 1.18"	30mm / 1.18"
Suction Tube Length	480mm / 19"	740mm / 29"

Grease Pump Accessories

The drum cover is used for keeping dust and impurities from contaminating the grease, whilst holding the pump in a vertical position. Whilst the follower plate helps compress the grease to prevent air pockets forming.

FEATURES:

- Compatible with most grease kegs in the market

Drum Cover	Diameter	Follower Plate	Diameter	Drum Application
J1709001	280 mm	J1709011	265 mm	12.5 - 17 kgs
J1709002	310 mm	J1709012	310 mm	18 - 22 kgs
J1709004	385 mm	J1709014	370 mm	50 kgs



Grease Feeder Hose

J1762213 / J1762226

High pressure 1/4" ID grease feeder hose with 1/4" male and female ends suitable for air operated greasing equipment.

FEATURES:

- SAE 100 R2, working pressure 345 bar / 5000 psi
- 1/4" BSP male and female fittings
- J1762213 - length 4 metres / 13 ft
- J1762226 - length 8 metres / 26 ft



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Lubeworks Heavy Duty Grease Pump Kit 50:1

J17125050KIT – FOR 50KG KEGS / J17125060KIT – FOR 180KG KEGS

There are two grease pump kits available in the Heavy Duty grease pump range. The J17125050KIT is suitable for use with standard UK size 50kg kegs and the J17125060KIT is suitable for use with standard UK size 180kg kegs. They are designed for use in harsh environments, where high volumes of grease are required over long distances. The kits includes pump, lid, follower plate, 4 metre hose, 'z' swivel and grease booster gun.

FEATURES:

- Ideal for transfer of grease in high volume and long distance.
- Components can be purchased separately
- Pump service kits are available
- Double acting pump provides continuous flow operation
- Rugged design to withstand demanding environments



Grease Pumps Accessories

Individual accessories for Heavy Duty grease pumps.

	J17125050	J17125060
Drum Application	50 kgs	180kgs
Pressure Ratio	50:1	50:1
Air Inlet Pressure	5-12 bar / 70-180 psi	5-12 bar / 70-180 psi
Max.Free Flow Rate (min)	1.8 kgs / 4 lbs	1.8 kgs / 4 lbs
Suction Tube Diameter	32mm / 1.25"	32mm / 1.25"
Suction Tube Length	740mm / 19"	940mm / 37"

Drum Cover	Diameter	Follower Plate	Diameter	Drum Application
J19338502	385 mm	J19437002	370 mm	50 kg
J19360002	600 mm	J19458502	585 mm	180 kg

J171250KIT	Heavy Duty Grease Pump Air Motor Service Kit
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B2 Booster Gun

DISPENSING EQUIPMENT - GREASE & OIL CONTROL GUNS

The B2 Booster Gun is supplied with a 360° type swivel ZSB and provides up to 69,000kPa/10,000 PSI/690 Bar grease pressure. This is twice the grease pressure of standard guns.

FEATURES:

- Boosts grease pressure up to 69,000kPa/10,000 PSI/690 Bar
- Rigid outlet
- Grease inlet 1/4" NPT (F) Note: 1/8" NPT adaptor also supplied
- 360° ZSB swivel included
- Supplied as standard fitting on P3 and P6
- Optional extra with P8 Grease Pump



Grease Control Gun

J1785701

LubeWORKS™ Solution for Lubricating Equipment



Grease control gun, supplied as standard equipment with J1700512 and J1700524 grease systems, and is also suitable for use with other air powered grease units.

FEATURES:

- Develops up to 600bar (8700psi)
- Single hand operation
- 1/4" female swivel inlet
- Suitable for use with most types of air operated greasing equipment

Grease Control Valve Booster

ZBG

Heavy-duty grease control valve with built-in pressure boost mechanism. Pressure boost achieved through repeated actuation of the pistol trigger. Boosts line pressure from 6,000psi (400bar) to 10,000psi (690bar).

FEATURES:

- Maximum outlet pressure 690bar (10,000psi)
- Heavy-duty steel construction provides durability and longevity.
- Comes complete with 6" steel extension and professional 4-jaw coupler.
- Inlet thread 1/4" BSPT (F)
- Warranty 12 months.



Grease Control Valve + Z Swivel

ZBGZ

Grease control valve and z swivel supplied as standard equipment with ZGPK125, ZGPK50 & ZGPK180 grease kits. Also suitable for use with other air powered grease units.

FEATURES:

- Maximum outlet pressure 500bar (7500psi)
- Provides continuous grease flow, with trigger fully pressed.
- Steel construction, provides durability and longevity.
- Comes complete with 360-degree z swivel, 6" steel extension & professional 4-jaw coupler.
- Inlet thread 1/4" BSPT (F)
- Warranty 12 months.



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Digital In-line Grease Meter

ZDGM1

Digital in-line meter to measure the amount of dispensed grease. This helps prevent both over and under greasing of bearings and other similar applications. Can be used in conjunction with air operated grease pumps and control valves.

Technical Information	
Control Valve Type	Continuous Flow
Meter Type	Digital Oval Gear
Grease Flow	0.1 to 2.5kg / minute
Max. Working Pressure	8000 psi (550 bar)
Unit Of Measure	Kg
Accuracy	+ / - 3%
Resettable Batch Total	9,999 gms
Cumulative Total	99999.9 kg
Thread Specification	Inlet/Outlet 1/8" BSPT

FEATURES:

- Built-In high accuracy digital grease meter for dispensing exact amounts of grease
- Provides continuous grease flow
- Steel construction provides durability and longevity
- Oval gear mechanism



K53/K54 Power-Pistol

GREASING EQUIPMENT – AIR OPERATED

K53 POWER-PISTOL (450GMS) K54 POWER-PISTOL (400GMS/14.5OZ)

The Power-Pistol gives the convenience of portability and air operation.

A single handed air operated grease gun that provides a shot of grease with each press of the trigger. The Power-Pistol is capable of operating from the air brake compressor of vehicles which makes it an ideal tool for truck and bus operators.

FEATURES:

- Delivers 34,500kPa/5,000 PSI/345 BAR grease pressure
- Filling options: Bulk, Cartridge or J2 Grease Pump
- Flexible outlet with Supergrip KY Coupler
- One handed – Single shot trigger operation
- Suitable for use with vehicle air brake compressors
- Air pressure range 275-825kPa/40-120 PSI/3-8 BAR
- Air compressor volume 1cfm/.026m³ and above
- Delivers 0.68gm per shot
- Filler/bleeder nipple 1/8" BSP (M)



Air Operated Grease Gun

ZAGG

Pistol grip air operated grease gun with continuous flow suitable for 400g cartridges, bulk or manual fill. Ideal for use in factory maintenance, agricultural applications, fleet service or for use on trucks when connected to the vehicles air brake compressor(s).



FEATURES:

- Heavy-duty aluminium die cast head with internal bore precision honed for rapid action.
- Refillable options: 400g cartridge, bulk or manual fill.
- Head casting fitted with bulk loader valve.
- Continuous grease discharge with the trigger pressed (400gm/min 14oz/min)
- Air Operating range 40 - 120psi (3-8bar)
- Pressure ratio 40:1
- Air inlet thread 1/8" BSPT
- Complete with 6" (150mm) steel extension and professional 4-jaw coupler.
- Maximum Pressure 4800psi / 330bar
- Warranty 12 months.



RB1958 Battery Operated Grease Gun

GREASING EQUIPMENT – BATTERY OPERATED

Professional 18 volt cordless grease gun, which can develop up to 10,000psi of pressure. 3-Way loading, 1-hour fast charge, spare battery and features a built in LED light which illuminates your work area. All supplied in a robust carry case.

FEATURES:

- High volume low pressure: 345 bar (5.000psi) Max pressure, 250 g/min
- Low volume high pressure: 690 bar (10.000psi) Max pressure, 55 g/min
- Built-in LED light illuminates the work
- Motor overload protection
- Air pocket valve: relives air pockets and improves priming
- 76cm (30 inch) flexible grease whip hose
- With 2 NI-CD 18v Battery-Packs and 1 hour fast charger
- Moulded carry case for storage and durable protection

TECHNICAL DATA

Battery:	Rechargeable 18 volt, 1.500Mah
Material:	Cast aluminium head construction for durability and long life
Working Pressure:	Up to 480 bar (7000psi)
3-Way Loading:	Cartridge, filler pump and bulk
Capacity:	400g (14oz) cartridge



RB1988 Battery Operated Grease Gun

GREASING EQUIPMENT – BATTERY OPERATED

Professional 18 volt Lithium-ion cordless grease gun, ergonomically designed to help reduce operator fatigue, which can develop up to 10,000psi of pressure, 3-Way loading, 1-hour fast charge, spare battery and features a built in LED light which illuminates your work area. All supplied in a robust carry case.

FEATURES:

- High volume low pressure: 345 bar (5.000psi) Max pressure, 250 g/min
- Low volume high pressure: 690 bar (10.000psi) Max pressure, 55 g/min
- Built-in LED light illuminates the work
- Motor overload protection
- Air pocket valve: relives air pockets & improves priming
- 76cm (30 inch) flexible grease whip hose
- With 2 - 18v Lithium-ion Battery-Packs and 1 hour fast charger
- Moulded carry case for storage and durable protection

TECHNICAL DATA

Battery:	Rechargeable 18 volt, 1500Mah
Material:	Cast aluminium head construction for durability and long life
Working Pressure:	Up to 480 bar (7000psi)
3-Way Loading:	Cartridge, filler pump and bulk
Capacity:	400g (14oz) cartridge



For up to date information and prices please visit our web site - www.redashe.co.uk

BG100 Battery Operated Grease Gun

GREASING EQUIPMENT – BATTERY OPERATED

Macnaught's unique design gives the unit balance and makes routine greasing quicker and easier to carry out, also reduces operator fatigue. A 12volt NiMH battery powers this ergonomically designed grease gun. A fully charged battery has the capacity to empty 3 grease cartridges and has a quick recharge capability of just 1 hour from flat. The BG100 is supplied in a heavy-duty moulded carrying case to safely store the unit when not in use.

FEATURES:

- Ergonomic design provides simple one-handed operation
- Continuous operation for faster greasing
- 30" (762mm) flexible dispensing hose (standard) for hard to reach areas
- Fitted with an internal pressure relief valve.
- Unit will dispense 100 g per minute (free flow)
- Suitable for use with greases up to NLGI No. 2
- Includes carry case, battery charger and spare battery



10 Year Warranty excludes battery and charger



macnaught

TECHNICAL DATA

Overall Dimensions:	380 x 305 x 72mm
Weight:	3kg (6.6lb)
Pumping Mechanism:	Rotary
No. of pistons:	2
Trigger function:	Continuous operation
Maximum Pressure:	5000psi
Flow:	100 g/min
Minimum temp:	0oC/32oF
Maximum temp:	50oC/122oF
Battery voltage:	12volt NiMH
Battery capacity:	2000mA
Est battery life:	Approx. 3 cartridges
Charger style:	Fast charger
Battery recharge time:	1 hour
Filling options:	bulk, cartridge (400g), J2 grease pump
Filler/Bleeder nipple:	1/8" BSP (M)

Bearing Lubrication & Technology

EASYLUBE®

Redashe are now the OFFICIAL UK importer for Easylube®; battery operated bearing lubricators, software and alert system. Easylube® has been developed to enhance bearing life expectancy, by precisely calculating and administering the correct dosage of lubricant needed to run a bearing at its optimum level. Lubricators can be placed in multiple points, whilst being monitored for maintenance via the Easylube Patrol Management Kit.

Classic Single-Point Automatic Bearing Lubricator

EL150CLASSIC

The 150ml Classic lubricator is especially designed for MQL (minimum quantity lubrication) formulation, the process of dispensing the minimal amount of grease needed to run a particular bearing. MQL formulation will reduce grease costs and protect bearings from under and over lubrication. All Easylube® lubricators are also designed to stop functioning and depressurise in the occurrence of blockages and abnormal pressure. This feature will protect all machinery from grease pressure build up, which normally results in dislodging of bearings and grease in electric motor coils that ultimately creates: Health and safety issues and equipment malfunction.

Elite Single-Point Automatic Bearing Lubricator

EL150ELITE / EL250ELITE

The 150ml and 250ml Elite lubricators are especially designed for MQL (minimum quantity lubrication) formulation, the process of dispensing the minimal amount of grease needed to run a particular bearing. All Easylube® lubricators are also designed to stop functioning and depressurise in the occurrence of blockages and abnormal pressure. This feature will protect all machinery from grease pressure build up, which normally results in dislodging of bearings and grease in electric motor coils that ultimately creates: Health and safety issues and equipment malfunction.

FEATURES:

- Patented infrared control system
- Built in RFID Tag (RFID models only)
- LED warning light (bio coloured on Elite and RFID models)
- Grease time setting (1-12 months)
- Waterproof covering for outside use
- Electromechanical gear set
- Can be used with Easylube patrol Management kit and Easylube RFID tags
- Operating temperatures from -20 to 60°C (Direct mounting) and up to 100°C remote mounting
- Self-adjustable output pressure balance within pipeline
- Pressure blockage release system ■ 2 years manufactures warranty



Lubricator Model	UL Approved in Hazardous Location	Material Outlet	Capacity	Dispense Period Setting	Operating Temperature Range	Operating Pressure Range	Dimensions (Stature x Diameter)	Electrical Rating	Replaceable Grease Cartridge	CE Certificate
150 Classic	Class 1 Division 2 Group B, C, D Class II Division 2 Group F, G	1/2" PT (M)	150ml (c.c.) (5.28 oz)	Adjustable; 1-12 months	-20 to 60°C (-4 to 140°F)	75-150psi (5-10bar)	15.2 x 8.9cm (6 x 3.5")	Replaceable lithium battery pack P-613B 6 Volt CR-P2	2218 Versatility	EC Council Directive 2004/180ec TUV Registration No. AE 501695430 001
150 Elite				With Patented Pre-Warning System and an indicator LED		Self-Adjustable output pressure balance within pipeline			1200 Ultimate	
150 RFID										
250 Elite			250ml (c.c.) (8.80 oz)			19 x 10.25cm (7.48 x 4.04")				
250 RFID										

Bearing Lubrication & Technology

EASYLUBE®

RFID Single-Point Automatic Bearing Lubricator

EL150RFID / EL250RFID

The 150ml and 250ml RFID lubricators are especially designed for MQL (minimum quantity lubrication) formulation, the process of dispensing the minimal amount of grease needed to run a particular bearing. All Easylube® lubricators are also designed to stop functioning and depressurise in the occurrence of blockages and abnormal pressure. This feature will protect all machinery from grease pressure build up, which normally results in dislodging of bearings and grease in electric motor coils that ultimately creates: Health and safety issues and equipment malfunction.

The RFID Lubricators have a built in RFID tag, that identifies the lubrication point via the Patrol Management Software, this enables the maintenance team to maintain a formatted inspection plan for all lubricators, to ensure that all machinery is being maintained efficiently.



Easylube® Patrol Management Software

ELMANKIT

Two unique pieces of software combined into one disk.

MQL (Minimal Quantity Lubrication) Calculation Formula: cutting edge software that calculates the specific greasing requirements needed for a single bearing based on over six major factors: temperature, contamination, moisture, vibration, position and bearing design. EPMS calculates the precise dosage required. Simply type in the bearing details and the calculator will give you the precise measurement of grease required.

Guardwatch Software contains two functions, "Data Registration" and "Identification". The software that is downloaded to the PDA is used for data collection from the RFID lubricator or RFID tags. It enables uploading of data registration, and downloading of the up-to-date data to a PDA before routine inspection. It provides bearing identification, and will alert the main user if a lubricator has not been inspected.

FEATURES:

- Calculates MQL (Minimal Quantity Lubrication) to enhance lubrication efficiency.
- Collects data from the ELRFID or RFID tags and calculates abnormalities to further reduce bearing failure.
- Comes complete with 2 x Smartlock USB sticks to protect software from prohibited use.
- Includes an ELRWD145B-EL RFID reader for use with PDA's that do not include a reader.
- Alerts the main user if a lubricator has not been registered on routine inspection.
- Easylube® provide Updates via the website for all software
- Redashe Ltd Staff are fully trained to help with all product relations ■ 2 Years Manufacture Warranty



Handheld Industrial PDA

PA600HF

The rugged design of the PA600 HF won't let you down. Thanks to its IP64 rating, the PA600 HF is resistant to dust and moisture. Its robust build is able to withstand multiple 4ft drops to concrete without risk of damage. This minimises device downtime, reduces repair costs and delivers a much lower Total Cost of Ownership. This is the first choice PDA for the Easylube® Patrol Management software. Includes: PDA (CPU: 624Mhz, ROM: 576MB, RAM: 128MB OS: Mobile 6.1, and 3.5" touch screen), RFID reader ISO 14443A, rechargeable Li-ion battery 3.7V 3300mAh, USB connection/charge cable

FEATURES:

- Supports three ISO standards in one device: ISO15693, ISO14443A, ISO14443B
- Windows Mobile 5.0 operating system ■ Integrated HF RFID Reader, keypad and touch screen
- Built-in Bluetooth and WLAN as standard ■ IP64 rated for industrial use
- SDIO expansion slot ■ Full range of accessories and chargers
- Supports Oracle Database Lite, Microsoft BizTalk Server 2006 and Wavelink Avalanche



Bearing Lubrication & Technology

EASYLUBE® ACCESSORIES

GENERAL ACCESSORIES

Accessory	Part Number	Description
Li-battery pack - 6 volt DC	P-613B	A Replacement battery pack for all: Easylube Classic 150ml, RFID 150ML, Elite 250ml and RFID 250ml Lubricators.
USB Smart Lock	ELUSB	Smart Lock USB key for the Patrol Management Software kit for extra users. The Patrol Management Software cannot be used without a smart lock key.
Technical Guidebook	ELTECHBOOK	A Technical Guide on everything you need to know about what grease does for bearings and the correct method to greasing bearings lubrication. This technical guide also offers in-depth knowledge on how Easylube has been created to enhance bearing life expectancy.
Empty grease cup 150ml	ELP150C	Empty cartridge can be filled with any NLGI 1 and 2 grease, suitable for use with the Easylube 150ml Classic and Elite lubricators.
Refilling position cap	ELP151C	To be used in conjunction with the ELP150C 150ml Empty Grease Cups. This allows the user to fill the grease cartridge to its maximum quantity, quickly and cleanly.
Empty grease cup 250ml (a replacement unit)	ELP250C	Empty cartridge can be filled with any NLGI 1 and 2 grease, suitable for use with the Easylube 250ml Elite lubricators.
Refilling position cap (a reuse unit)	ELP251C	To be used in conjunction with the ELP250C 250ml Empty Grease Cups. This allows the user to fill the grease cartridge to its maximum quantity, quickly and cleanly.
Grease nipple (a reuse unit)	ELP400G	Fits any standard greasing unit via a 3 or 4-jaw coupler to fill all Easylube empty grease cups.
Grease nipple (MB)	ELP404G	For filling extension tube for Easylube mounting brackets.

DIRECT MOUNTING ADAPTORS

Accessory	Part Number	Description
Straight Adaptor	ELP403S	1/2" (F) to 3/8" (M), Straight
Straight Adaptor	ELP402S	1/2" (F) to 1/4" (M), Straight
Straight Adaptor	ELP401S	1/2" (F) to 1/8" (M), Straight
Straight Adaptor	ELP410S	1/2" (F) to 10mm (M), Straight
Straight Adaptor	ELP408S	1/2" (F) to 8mm (M), Straight
Straight Adaptor	ELP201S	1/4" (F) to 1/8" (M), Straight
Straight Adaptor	ELP108S	1/8" (F) to 8mm (M), Straight
45° Angle Adaptor	ELP403A	1/2" (F) to 3/8" (M), 45° Angle
45° Angle Adaptor	ELP402A	1/2" (F) to 1/4" (M), 45° Angle
45° Angle Adaptor	ELP401A	1/2" (F) to 1/8" (M), 45° Angle
45° Angle Adaptor	ELP410A	1/2" (F) to 10mm (M), 45° Angle
45° Angle Adaptor	ELP408A	1/2" (F) to 8mm (M), 45° Angle
45° Angle Adaptor	ELP201A	1/4" (F) to 1/8" (M), 45° Angle
45° Angle Adaptor	ELP108A	1/8" (F) to 8mm (M), 45° Angle

COPPER PIPE MOUNTING BRACKET WITH ADAPTORS (FOR HIGH TEMPERATURE CONDITIONS)

Copper Pipe Bracket	ELP406F	Copper pipe mounting bracket 1/2" (F) to copper pipe, Ø 6 x 0.8mm
Copper Pipe Bracket	ELP603H	Connector 3/8" (M) Straight
Copper Pipe Bracket	ELP602H	Connector 1/4" (M) Straight
Copper Pipe Bracket	ELP601H	Connector 1/8" (M) Straight
Copper Pipe Bracket	ELP693H	Connector 3/8" (M) 90° Angle
Copper Pipe Bracket	ELP692H	Connector 1/4" (M) 90° Angle
Copper Pipe Bracket	ELP691H	Connector 1/8" (M) 90° Angle
Copper Pipe Bracket	ELP108S	1/8" (F) to 8mm (M), Straight
Copper Pipe Bracket	ELP108A	1/8" (F) to 8mm (M) 45° Angle
Copper Pipe Bracket	ELP106S	1/8" (F) to 6mm (M) Straight
Copper Pipe Bracket	ELP608H	Copper Pipe, Ø 6 x 0.8mm 50 Meter per roll

SUPPORT CONNECTOR PIPES

Support Connector Pipe	ELMM111	Pipe, 1/8" (M/M x 29mm (L)
Support Connector Pipe	ELMM121	Pipe, 1/8" (M/M x 58mm (L)
Support Connector Pipe	ELMM131	Pipe, 1/8" (M/M x 89mm (L)
Support Connector Pipe	ELFF101	Connector 1/8" (F/F), Straight
Support Connector Pipe	ELFF191	Connector 1/8" (F/F), 90° Angle

REMOTE MOUNTING CLIPS

Remote Mounting Clip	ELP506C	Remote mounting bracket, can be used with all Easylube mounting brackets without damaging other equipment.
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GREASE CARTRIDGE CUPS

Accessory	Part Number	Description
2218 - Versatility Li-Complex NLGI #2 ISO VG 220 Colour: Dark Blue	EL2218-150	150 ml grease cup suitable for both the 150 ml Classic & Elite lubricators
	EL2218-250	250 ml grease cup suitable for the 250 ml Elite Lubricator
1000 - SHC Synthetic Li-Complex NLGI #2 ISO VG 100 Colour: Red	EL1000-150	150 ml grease cup suitable for both the 150 ml Classic & Elite lubricators
	EL1000-250	250 ml grease cup suitable for the 250 ml Elite Lubricator
4600 - SHC Synthetic Li-Complex NLGI #2 ISO VG 460 Colour: Red	EL4600-150	150 ml grease cup suitable for both the 150 ml Classic & Elite lubricators
	EL4600-250	250 ml grease cup suitable for the 250 ml Elite Lubricator
8318 - FDA Grade Aluminium Complex ISO VG 220 Colour: White	EL8318-150	150 ml grease cup suitable for both the 150 ml Classic & Elite lubricators
	EL8318-250	250 ml grease cup suitable for the 250 ml Elite Lubricator

PU TUBE MOUNTING BRACKET WITH ADAPTORS (FOR NORMAL CONDITIONS)

PU Tube Bracket	ELP405F	1/2" (F) to PU tube Ø 5 x 8 mm
Copper Pipe Bracket	ELP502U	Connector 1/4" (M), Straight
Copper Pipe Bracket	ELP501U	Connector 1/8" (M), Straight
Copper Pipe Bracket	ELP500U	Connector 1/16" (M), Straight
Copper Pipe Bracket	ELP592U	Connector 1/4" (M), 90° Angle
Copper Pipe Bracket	ELP591U	Connector 1/8" (M), 90° Angle
Copper Pipe Bracket	ELP590U	Connector 1/16" (M), 90° Angle
Copper Pipe Bracket	ELP502USP	Fast Connector 1/4" (M), Straight
Copper Pipe Bracket	ELP501USP	Fast Connector 1/8" (M), Straight
Copper Pipe Bracket	ELP510M	Fast Connector 10mm (M), Straight
Copper Pipe Bracket	ELP508M	Fast Connector 8mm (M), Straight
Copper Pipe Bracket	ELP506M	Fast Connector 6mm (M), Straight
Copper Pipe Bracket	ELP592USP	Fast Connector 1/4" (M), 90° Angle
Copper Pipe Bracket	ELP591USP	Fast Connector 1/8" (M), 90° Angle
Copper Pipe Bracket	ELP510MSP	Fast Connector 10mm (M), 90° Angle
Copper Pipe Bracket	ELP508MSP	Fast Connector 8mm (M), 90° Angle
Copper Pipe Bracket	EL506MSP	Fast Connector 6mm (M), 90° Angle
Copper Pipe Bracket	ELP108S	1/8" (F) to 8mm (M), Straight
Copper Pipe Bracket	ELP108A	1/8" (F) to 8mm (M), 45° Angle
Copper Pipe Bracket	ELP106S	1/8" (F) to 6mm (M), Straight
Copper Pipe Bracket	ELP508U	PU Tube, Ø 5x 8mm 100 Meter Per Roll

Refillable Bearing Lubricator

GREASING EQUIPMENT

The refillable automatic bearing lubricators are high quality, mechanical, chemical and thermal resistant. Designed to provide constant lubrication to bearings, bushings, joints, articulated joints or wherever constant greasing is required. The lubricators are supplied with a setting dial which allows you to set the dispensing rate of the grease.

FEATURES:

- Manufactured from transparent Lexan
- Setting dial (1, 3, 6 and 12 months) supply duration
- Supplied with medium tension spring with optional light & strong tension springs available for varying applications
- Operating temperatures -30°C to +132°C
- Suitable for use with all types of grease NLGI 0-1-2-3-4
- Available in 100ml and 220ml sizes
- Outlet thread M10 with 1/8" BSP adaptor

SPECIFICATIONS:

MCGL100-01:	100ml capacity
MCGL220-01:	220ml capacity
Construction:	Lexan, Brass, Spring Steel, Nitrile Rubber
Minimum Temperature:	-23°C
Maximum Temperature:	+132°C
Grease Range:	NLGI no0 - NLGI no4
Maximum Pressure:	200psi (when bulk filling)

SPRING SELECTION TABLE

°C	0	1	2	3	4
-23 – +4	D	M	F	F	F
+5 – +20	D	M	M	M	F
+21 – +50	D	M	M	M	F
+51 – +132	D	D	D	M	M

F = Strong Spring (F100A or F220A)

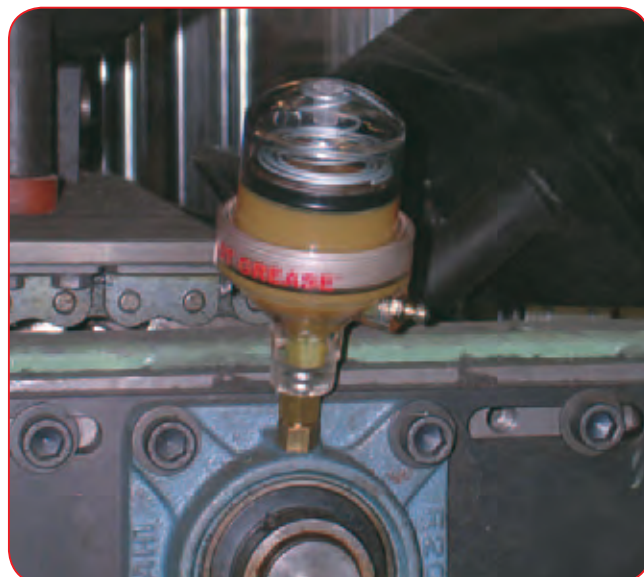
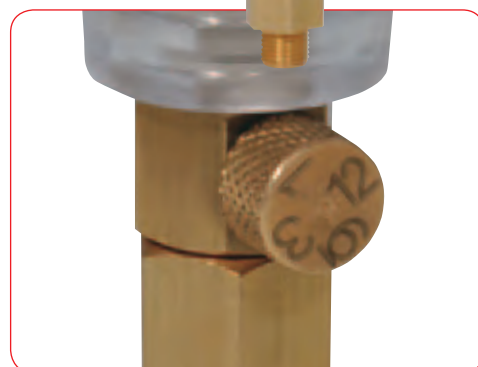
M = Medium Spring (Supplied as Standard)

D = Light Spring (D100A or D220A)

For up to date information and prices please visit our web site - www.redashe.co.uk



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R100 Oil Ratio Pump

OIL TRANSFER EQUIPMENT – AIR OPERATED PUMPS

- R100T PUMP (DRUM)
- R100S PUMP (STUB)
- R100THG PUMP (COMPLETE SYSTEM)

The R100 is an air powered 1:1 ratio transfer pump that can be supplied as a stub version (R100S) for integration into a system or with suction tube (R100T) for use with 205 litre (55 US gal) drums.

A transfer system, model R100THG, is available which includes a pump, 900mm (3ft) suction tube, 3m (10ft) of reinforced delivery hose and a trigger type delivery nozzle (gun).

FEATURES:

- 1:1 Ratio Pump
- Complete oil transfer system
- Suitable for use with oils to SAE 140, diesel fuel, ethylene glycol (anti-freeze/anti-boil) and kerosene
- Delivers up to 60 litres (16 us gal) per minute
- 3m (10ft) Reinforced delivery hose and trigger action nozzle
- 900mm Suction tube – ideally suited to 205 litre (55 US Gal) drums
- 50mm (2") Adjustable bung adaptor
- Air inlet 6mm (1/4") BSP (F)
- Oil inlet (stub pump only) 1" bsp (f)
- For the bare pump versions order R100T (Drum) or R100S (Stub)
- All models include an airline oil lubricator



TECHNICAL DATA:

Wetted components:	Aluminium, nitrile rubber, Carbon PTFE,zinc plated carbon steel and brass
Pump ratio:	1:1(oil pressure is the same as air pressure)
Output:	60 L/min (16 US gal per min) of SAE 10 oil at 690 kPa (100 psi) air pressure(free flow)
Suction Tube Length:	R100S (stub) 220 mm (8 3/4") R100T (drum) 910 mm (36")
Max. Air Pressure:	1030 kPa/150psi/10.3 bar
Min. Air Pressure:	400 kPa/60psi/4 bar
Min. Air Compressor:	0.22 m³/min (8 cfm)
Air Inlet:	1/4" NPT (F)
Pump Inlet:	3/4" BSP or NPT (F)
Pump Outlet:	3/4" BSP or NPT (F)
Foot valve inlet:	1" BSP or NPT (F) (stub only)



FLOW RATES – R100T (1:1 ratio drum pump)

Material	Output through 1m (3ft) x 25mm (1") hose LITRES (US GAL)	Output through 9m (30ft) x 19mm (3/4") hose & TC-01 gun LITRES (US GAL)	
OIL SAE 10	60 (15.8)	12 (3.1)	ATF
OIL SAE 30	50 (13.3)	9 (2.3)	GTX3
OIL SAE 90	47 (12.4)	4 (1)	SP220 GEAR OIL
OIL SAE 140	39 (10.2)	4 (1)	
DIESEL	60 (15.8)	13 (3.4)	
KEROSENE	59 (15.5)	12 (3.1)	

Note:

1. Flow rates in litres per minute at 700kPa/100 PSI/7 BAR and 23°C.
2. Flow rates are a guide only and the actual output may vary from that stated.
3. Variations in flow rate can result from compressor volume, air pressure, hose construction, hose fittings, ambient conditions and system pipe work.



R300/R500 Oil Ratio Pumps

OIL TRANSFER EQUIPMENT – AIR OPERATED PUMPS

R300S PUMP (STUB) R300T PUMP (DRUM) R500S PUMP (STUB)

An air powered 3:1 ratio stub pump that delivers up to 23 litres (6 US gal) per minute (at the pump). This pump is ideal for workshops where fast flow is required, typically over distances of 10 metres (38ft) up to 30 metres (98ft) through one or two hose reels and meter/gun systems.

The R300T (Drum) and the R300S (Stub) pumps are ideally suited for the Macnaught HG Series Oil Control Guns (refer to pages 68/69) and Retractable hose reels. All models include an airline oil lubricator.

FEATURES:

- Stub or Drum pump for inclusion in a workshop or mobile bulk oil system
- 50mm (2") adjustable bung adaptor
- Suitable for use with oils to SAE 140, diesel, ethylene glycol (anti-freeze/anti-boil), kerosene and soft self collapsing greases
- Delivers up to 23 litres (6 US gal) per minute
- Oil Inlet 19mm (3/4") BSP (F) oil outlet 19mm (3/4") BSP (F)
- Optional TD42s suction tube
- Air inlet 6mm (1/4") BSP (F)



FLOW RATES – R300S (3:1 ratio stub pump)

Material	Output through 3m (10ft) x 19mm (3/4") hose reel & HG60 gun LITRES (US GAL)	Output through 3m (10ft) x 19mm (3/4") hose & 10m (33ft) x 12.5mm (1/2") LITRES (US GAL)	
OIL SAE 10	23 (6)	15 (3.9)	ATF
OIL SAE 30	20 (5.2)	9 (2.3)	GTX3
OIL SAE 90	17 (4.4)	6 (1.6)	SP220 GEAR OIL
OIL SAE 140	14 (3.7)	4 (1)	
DIESEL	23 (6)	18 (4.7)	
KEROSENE	22 (5.8)	17 (4.5)	

Note:

1. Flow rates in litres per minute at 700kPa/100 PSI/7 BAR and 23°C.
2. Flow rates are a guide only and the actual output may vary from that stated.
3. Variations in flow rate can result from compressor volume, air pressure, hose construction, hose fittings, ambient conditions and system pipe work.

The R500 is an air-operated, high flow, 5:1 ratio oil transfer pump, designed for workshops requiring fluid transfer over distances of up to 50 metres. The R500 is ideal for use with drums and tanks, and through pipelines, one or multiple hose reels and meter/gun dispensing systems.

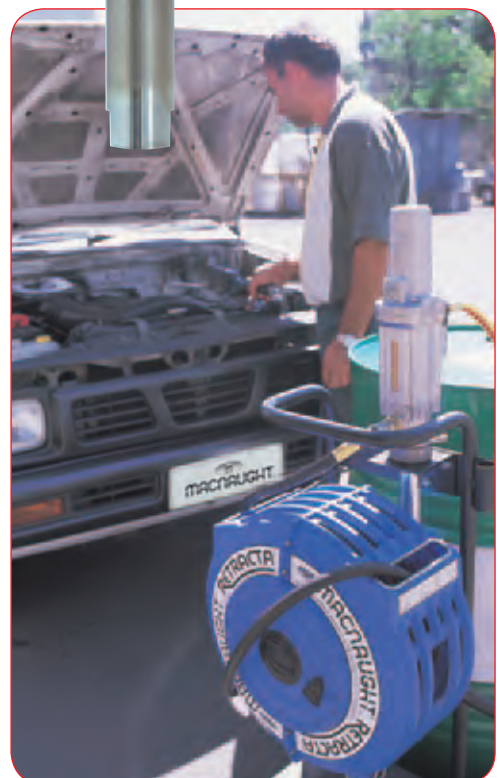
FEATURES:

- Delivers up to 28 litres (7.4 us gal) per minute
- Suitable for high pressure operations
- Suitable for ATF, engine oil, gear oil & hydraulic oil up to SAE 140
- Built-in pressure release valve for safe operation
- 2" (male) bung adapter
- Suitable for 205 litre drums (optional extension tube available for stub version)
- Quiet and efficient operation
- Fully repairable and serviceable

FLOW RATES – R500 (5:1 ratio stub pump)

Material	Free flow output (per min.) at the pump LITRES (US GAL) LITRES/MIN	Output (per min.) through 30m (98ft) x 9.5mm (3/8") hose and hose end gun @ 690kPa/100psi LITRES (US GAL) LITRES/MIN	Output (per min.) through 30m (98ft) x 12.5mm (1/2") hose and hose end gun @ 690kPa/100psi LITRES (US GAL) LITRES/MIN
OIL SAE 10	28 (7.4)	6.2 (1.7)	8.8 (2.4)
OIL SAE 30	27 (7.2)	4.05 (1.1)	6 (1.6)
OIL SAE 90	26 (6.9)	2.3 (0.7)	3 (0.8)


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R1000 Oil Ratio Pump

OIL TRANSFER EQUIPMENT – AIR OPERATED PUMPS

R1000T PUMP (DRUM)

R1000S PUMP (STUB)

The R1000 10:1 ratio oil ratio pump is the latest addition to the range and has been designed for workshops and systems requiring oil transfer of distances up to 100 metres. It is ideally suited for use with bulk tanks and drums and utilising multiple hose reels and meter/gun dispensing systems.

FEATURES:

- Suitable for automatic transmission fluid, engine oil, gear oil, and hydraulic oils up to SAE 140.
- Suitable for 205 litre (55 US gal.) drums (optional extension tube available for stub version).
- The stub version (R1000S) can be easily wall mounted
- Built-in pressure relief valve for safe operation
- Oil lubricator and 2" (male) bung adaptor supplied
- 10 year parts availability

SPECIFICATIONS:

Wetted components:	aluminium, nitrile rubber, carbon PTFE, zinc plated carbon steel
Pump ratio:	10:1 (oil pressure is 10 times air pressure)
Output:	15 litres (4 US gal.) per min. of SAE 10 oil at 100 psi air pressure (free flow)
Dimensions:	R1000S (stub) 605mm x 120mm x 120mm R1000T (drum) 1297mm x 120mm x 120mm
Max. Air Pressure:	1030 kPa/150psi/10.3 bar
Min. Air Pressure:	400 kPa/60psi/4 bar
Min. Air Compressor:	0.50 m ³ /min. (18 cfm/min)
Air Inlet:	1/4" NPT (F)
Pump Outlet:	3/4" BSP or NPT (F)

FLOW RATES – R1000

Material	Output (per min.) through 1m x 25mm (1") hose and hose end gun @ 550kPa/80psi	Output (per min.) through 35m (115ft) x 12.5mm (1/2") hose and hose end gun @ 690kPa/100psi
	LITRES (US GAL) LITRES/MIN	LITRES (US GAL) LITRES/MIN
OIL SAE 10	15 (4)	10 (2.6)
OIL SAE 30	15 (4)	6 (1.6)
OIL SAE 90	14 (3.7)	4.6 (1.2)

* Flow rates are a guide only and any variations can depend on system set-up

For up to date information and prices please visit our web site - www.redashe.co.uk



macnaught



T112 & T312 Oilmaster®

OIL TRANSFER EQUIPMENT – AIR OPERATED OIL PUMPS

The new T112 1:1 ratio oil pump is designed to transfer oils up to 10 metres and can be used with any of Macnaught's hose end gun range.

FEATURES:

- Stub pump for inclusion in a workshop or mobile bulk oil system
- Suitable for oils up to SAE 140, automatic transmission fluid
- 2" (M) bung adaptor supplied ■ No requirement for in-line lubricator
- Optional TB25s suction tube available
- 10 year parts availability

SPECIFICATIONS:

Wetted components:	aluminium, zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
Pump ratio:	1:1 (oil pressure is the same as air pressure)
Output:	27 litres (7 US gal.) per min of SAE 10 oil at 100psi air pressure (free flow)
Max. Air Pressure:	1000 kPa/145psi/10 bar
Min. Air Pressure:	400 kPa/60psi/4 bar
Min. Air Compressor:	0.16m ³ /min. (6 cfm/min)
Air Inlet:	1/4" NPT (F)
Pump Inlet:	1" BSP (or NPT (F) and 1" UNEF)
Pump Outlet:	3/4" BSP (or NPT (F))

The new T312 3:1 ratio oil pump is designed to transfer oils up to 30 metres and can be used with any of Macnaught's hose end gun range.

FEATURES:

- Stub pump for inclusion in a workshop or mobile bulk oil system
- Suitable for oils up to SAE 140, automatic transmission fluid
- 2" (M) bung adaptor supplied ■ No requirement for in-line lubricator
- Optional TB25s suction tube available
- 10 year parts availability

SPECIFICATIONS:

Wetted components:	aluminium, zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
Pump ratio:	3:1 (oil pressure is 3 times air pressure)
Output:	15 litres (4 US gal.) per min of SAE 10 oil at 100psi air pressure (free flow)
Max. Air Pressure:	1000 kPa/145psi/10 bar
Min. Air Pressure:	400 kPa/60psi/4 bar
Min. Air Compressor:	0.08m ³ /min. (3 cfm/min)
Air Inlet:	1/4" NPT (F)
Pump Inlet:	1" BSP (or NPT (F) and 1" UNEF)
Pump Outlet:	3/4" BSP (or NPT (F))



T312 Oilmaster®



T112 Oilmaster®



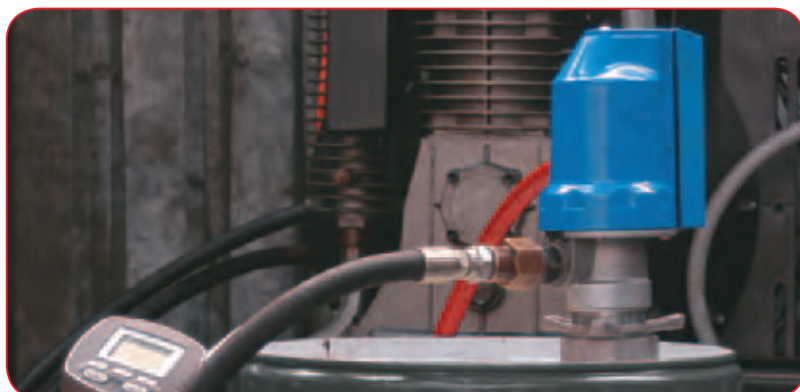
T112 Oilmaster®

Material	Free flow (per min.) at pump outlet @ 690kPa/100psi (air) LITRES (US GAL) LITRES/MIN	Output (per min.) through 3m (10ft) x 19mm (3/4") hose and hose end oil delivery gun LITRES (US GAL) LITRES/MIN
OIL SAE 10	27 (7)	10 (2.6)
OIL SAE 30	23 (6)	9.5 (2.5)
OIL SAE 90	22 (5.8)	9 (2.4)

* Flow rates are a guide only and any variations can depend on system set-up

T312 Oilmaster®

Material	Free flow (per min.) at pump outlet @ 690kPa/100psi (air) LITRES (US GAL) LITRES/MIN	Output (per min.) through 9m (30ft) x 12.5mm (1/2") hose and hose end oil delivery gun LITRES (US GAL) LITRES/MIN
OIL SAE 10	15 (4)	10 (2.6)
OIL SAE 30	13 (3.4)	7 (1.8)
OIL SAE 90	10 (2.6)	6 (1.6)



T512 Oilmaster®

OIL TRANSFER EQUIPMENT – AIR OPERATED OIL PUMPS

The T512 Oilmaster® is an air operated 5:1 ratio stub pump that delivers up to 15 litres per minute. This is a very quiet pump that is ideal for all workshops where transfer of lubricating oils over varying distances through hose reels with dispensing nozzles and/or meters is required.

The T512 Oilmaster®, is supplied as a stub pump with a 50mm (2") BSP bung adaptor, and 25mm (1") BSP (F) oil inlet. T512 pump is ideally suited for the Macnaught HG Series Oil Control Guns and Retractable hose reels.

FEATURES:

- Stub pump for inclusion in a workshop or mobile bulk oil system
- Suitable for use with oils to SAE 140, automatic transmission fluid
- Delivers up to 15 litres (4 US gal) per minute (at the pump)
- Air inlet 1/4" NPT (F)
- Oil inlet 1" BSP (F)
- Oil outlet 1/2" BSP (F)
- 50mm (2") adjustable bung adaptor
- Optional TB25s suction tube available



For up to date information and prices please visit our web site - www.redashe.co.uk

FLOW RATES – T512 OILMASTER

Material	3m (10ft) x 12.5mm (1/2") hose, 10m (33ft) x 12.5mm (1/2") hose reel and delivery gun	9m (29ft) x 2.5mm (1/8") hose, 10m (33ft) x 2.5mm (1/8") hose reel and delivery gun
OIL SAE 10	6.5 ltr (1.7 gal) per min	6 ltr (1.6 gal) per min
OIL SAE 30	5 ltr (1.4 gal) per min	5 ltr (1.4 gal) per min
OIL SAE 90	4 ltr (1.1 gal) per min	3.5 ltr (0.93 gal) per min

Note:

1. Flow rates in litres per minute at 700kPa/100 PSI/7 BAR and 23°C.
2. Flow rates are a guide only and the actual output may vary from that stated.
3. Variations in flow rate can result from compressor volume, air pressure, hose construction, hose fittings, ambient conditions and system pipe work.



Air Operated Oil Ratio Pumps

ZAOP1S / ZAOP1D / ZAOP3S / ZAOP3D / ZAOP5S / ZAOP5D

Groz industrial oil dispensing pumps offer guaranteed performance and hassle free operation. These pumps are designed to work in tough conditions and are ideal for use in industry, workshop, agricultural, construction or as part of a mobile oil system.

Stub pumps are supplied with a non-return valve threaded 1" (F) for use on the bottom of the suction tube. Drum pumps have a built in strainer at the pump inlet to keep out any contaminants.

Specification	
Working Air Pressure	2 - 10 BAR (30 to 150 PSI)
Maximum Air Pressure	10 BAR (150 PSI)
Air Inlet Connection	1/4" BSP (F)
Pump Outlet Connection	1/4" BSP (F)
Air Consumption	230 ltr / min (61 gpm)
Noise Level	81 db

ZAOP1S / ZAOP1D 1:1 Air-Operated Oil Pumps

1:1 transfer pumps are primarily used to quickly transfer oils from large drums to smaller containers over a short distance.

FEATURES:

- Double acting operation with discharge up to 40 LPM (10.58 GPM)
- Ideal for use with low to medium oils up to SAE80 over distances up to 5 meters.
- Air consumption: 270 LPM (71.5 GPM)
- ZAOP1S stub pump with bung adaptor
- ZAOP1D pump complete with suction tube for 205ltr (55 gal) drums and bung adaptor.

ZAOP3S / ZAOP3D 3:1 Air-Operated Oil Pumps

Ideal for use with medium to high viscosity oils (up to SAE130) for transferring over short distances (up to 30 meters).

FEATURES:

- Single acting pump with discharge up to 14 LPM (3.70 GPM)
- Suitable for oils up to SAE130
- Air consumption 230 LPM (61 GPM)
- ZAOP3S stub pump with bung adaptor
- ZAOP3D pump complete with suction tube for 205ltr (55 gal) drums & bung adaptor.

ZAOP5S / ZAOP5D 5:1 Air-Operated Oil Pumps

Ideal for use with high viscosity oils (up to SAE240) for transferring over short and long distances (up to 50 meters). Mostly used with hose reels and centralised distribution systems.

FEATURES:

- Double acting operation with discharge up to 18 LPM (4.76 GPM)
- Suitable for oils up to SAE240
- Air consumption 250 LPM (66 GPM)
- ZAOP5S stub pump with bung adaptor
- ZAOP5D pump complete with suction tube for 205ltr (55 gal) drums & bung adaptor.



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ZAOP3S / ZAOP3D



ZAOP1S / ZAOP1D



ZAOP5S / ZAOP5D

Air Operated Stainless Steel 3:1 Pump

ZAOP3DSS

Stainless Steel 3:1 air operated drum pump. Ideal for transferring low to medium viscosity fluids such as antifreeze, windshield washer fluids, water-soluble lubricants etc.

FEATURES:

- Includes 2" die cast aluminium bung for use with 205 litre drums
- Built in stainless steel strainer
- Wetted components – stainless steel, brass, aluminium, hi nitrile rubber, polyurethane and turcite
- Recommended use – water, water soluble lubricants, coolants, soap solutions, detergents, windshield fluids etc
- Pump must be supplied with clean and dry compressed air via an FRL unit

Technical Data	
Working Pressure	0.2-10 bar (30 to 150 psi)
Max. Air Inlet Pressure	10 bar (150 psi)
Max. Fluid Pressure	30 bar (450 psi)
Air Consumption	230 l/min (61 gpm)
Air Inlet Connection	¼" BSP (F)
Oil Outlet Connection	½" BSP (F)
Max. Free Flow Rate	14 l/min (3.70 Gallon)



1:1 Air-Operated Oil Pumps

J100 - WITH 940MM SUCTION TUBE / J100S - STUBBY PUMP

Redashe pneumatic oil pumps are designed and constructed to give outstanding performance in all workshop environments. A full range of pumps is available to cover every type of application in the Automotive, Agricultural, commercial vehicle, and heavy plant workshops. Low noise level air motors are used that will provide years of trouble free service.

Typically used in workshops, service stations, fast lube centres, fleet maintenance, mining, agriculture, armed forces, construction, trains, etc.

There are two models of 1:1 pump available, the J100, which is supplied with a 940mm suction tube, and the J100S, which is a stub pump. Both units are supplied with a 2" bung adaptor. Typical fluids handled include, engine oil, synthetic oil, hydraulic oil, transmission fluid, for use with oils up to SAE 120.

FEATURES:

- Precision machined to ensure stability and long life
- Easy to operate and maintain
- Suitable for use with oils up to 120 SAE
- Supplied with 2" adjustable bung adaptor
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid.
- Low noise level – quiet efficient and reliable

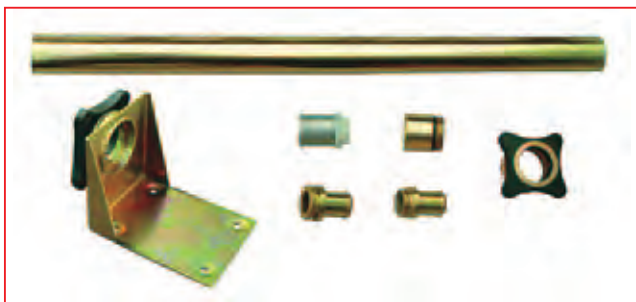
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Technical Data	
Ratio	1:1
Working pressure	5-8 bar (70 – 115psi)
Maximum fluid pressure	8 bar (115psi)
Air Consumption	@ 8 bar - 100 L/min
Output capacity ltr./min.	18 L/min
Suction Tube diameter mm	42 mm
Air inlet connection	1/4" quick plug
Oil Delivery Connection	1/2" male
Maximum Viscosity	120 SAE
<i>Test media, SAE30 oil @ 20°C through 2mtr hose length free outlet</i>	

Optional Kits

JWB10000

Wall Mounted Oil Transfer Kit



JET10000

Suction Tube Kit



3:1 Air-Operated Oil Pumps

J300 - WITH 940MM SUCTION TUBE / J300S - STUBBY PUMP

Double acting air operated medium pressure pumps for dispensing lubricants in medium size installations including multiple dispensing points with simultaneous operation. Typical fluids handled include, engine oil, synthetic oil, hydraulic oil, transmission fluid, maximum viscosity SAE150. Pumps include height adjustable bung adaptor 2" BSP (M).

Typically used in workshops, service stations, fast lube centres, fleet maintenance, mining, agriculture, armed forces, construction, trains, etc.

FEATURES:

- Precision machined to ensure stability and long life
- Double action ■ Easy to operate and maintain
- Suitable for use with oils up to 150 SAE
- Supplied with 2" adjustable bung adaptor
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid. ■ Low noise level – quiet efficient and reliable



Technical Data	
Ratio	3:1
Working pressure	5-8 bar (70 – 115psi)
Maximum fluid pressure	24 bar (350psi)
Air Consumption	@ 8 bar - 110 L/min
Output capacity ltr./min.	12 L/min
Suction Tube diameter mms	42 mm
Air inlet connection	1/4" quick plug
Oil Delivery Connection	1/2" male
Maximum Viscosity	150 SAE
Test media, SAE30 oil @ 20°C through 2mtr hose length free outlet	

OPTIONAL KITS AVAILABLE FOR ALL AIR-OPERATED PUMPS



5:1 Air-Operated Oil Pumps

J500 - WITH 940MM SUCTION TUBE / J500S - STUBBY PUMP

This double acting air operated high-pressure pump is designed for dispensing lubricants in larger installations. Suitable for use with multiple dispensing points with simultaneous operation. Typical fluids handled include, engine oil, synthetic oil, hydraulic oil, transmission fluid, maximum viscosity SAE240. Pumps include height adjustable bung adaptor 2" BSP (M).

FEATURES:

- Precision machined to ensure stability and long life
- Double action
- Easy to operate and maintain
- Suitable for use with oils up to 240 SAE
- Supplied with 2" adjustable bung adaptor
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid.
- Low noise level – quiet efficient and reliable



Technical Data	
Ratio	5:1
Working pressure	5-8 bar (70 – 115psi)
Maximum fluid pressure	40 bar (584psi)
Air Consumption	@ 8 bar - 125 L/min
Output capacity ltr./min.	14 L/min
Suction Tube diameter mms	42 mm
Air inlet connection	1/4" quick plug
Oil Delivery Connection	1/2" male
Maximum Viscosity	240 SAE
Test media, SAE30 oil @ 20°C through 2mtr hose length free outlet	



Heavy Duty 3:1 and 5:1 Transfer Pumps

J17130301 / J17130501

Heavy Duty 3:1 Transfer Pump

J17130301

Heavy-duty 3:1 air operated oil pump for high volume and longer distance transfer applications, such as truck, bus and rail shops. Suction tube kit available (JET20670) for use with 205ltr barrels.

FEATURES:

- Precision machined to ensure stability and long life
- Easy to operate and maintain (Air motor service kit available J17130301KIT)
- Few moving parts in the air motor assembly means less downtime and low repair cost
- Corrosion resistant design
- Suction tube kit available (JET20670) for use with 205ltr barrels

Technical Data	
Ratio	3:1
Working pressure	5-12 bar (70-180 psi)
Maximum fluid pressure	36 bar / 500 psi
Air Consumption	@ 8 bar 600 l/min
Suction Tube Diameter	54mm / 2.1"
Oil Outlet Connection	3/4" BSP (F)
Max. Free Flow Rate	45 l/min (12 Gallon)

Heavy Duty 5:1 Transfer Pump

J17130501

Heavy-duty 5:1 air operated oil pump for high volume and longer distance transfer applications, such as truck, bus and rail shops. Suction tube kit available (JET20670) for use with 205ltr barrels.

FEATURES:

- Precision machined to ensure stability and long life
- Easy to operate and maintain (Air motor service kit available J17130501KIT)
- Few moving parts in the air motor assembly means less downtime and low repair cost
- Corrosion resistant design
- Suction tube kit available (JET20670) for use with 205ltr barrels

Technical Data	
Ratio	5:1
Working pressure	5-12 bar (70-180 psi)
Maximum fluid pressure	60 bar / 870 psi
Air Consumption	@ 8 bar 600 l/min
Suction Tube Diameter	54mm / 2.1"
Oil Outlet Connection	3/4" BSP (F)
Max. Free Flow Rate	40 l/min (11 Gallon)



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JET20670
Suction Tube

OS200 Oil Systems

PORTABLE DISPENSING UNITS

The OS200 oil system is totally portable. To begin dispensing, the airline is simply connected to the oil pump. The OS200 is complete with OS200R trolley, C808-450M oil reel, R300S 3:1 ratio oil pump, telescopic suction tube, 2" bung adaptor, suction hose and feeder hose.

FEATURES:

- OS200R drum trolley (wheel brakes included)
- C808-450M medium pressure spring rewind hose reel
 - Hose: 12.5mm (1/2") I.D x 15m (50ft)
- R300S Pressure Flo oil pump (3:1 ratio)
- MH50F-01 Electronic oil dispensing gun
- Telescopic suction tube, c/w bung adaptor – max depth 1200mm (4ft)
- Feeder hose – 2100mm (7ft)



JOS200 Oil Dispensing Kit

3:1 MOBILE OIL DISPENSING KITS

Mobile oil dispensing unit for 205 litre barrels, suitable for dispensing oil at medium/high viscosity, for mobile installations and fixed system at medium distances, the drum trolley allows the system to be moved around the workshop with ease, giving increased efficiency. All items are available separately or in kit form.

FEATURES

- Suitable for use with 205 litre barrels
- Supplied complete with a 3-1 ratio pump; digital control oil gun, trolley, and connection hose.



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C808-MODK Oil Dispensing Kit

C808-MODK

The C808-MODK Modular oil dispensing kit is suitable for oil tanks and drums with the option of mounting the pump to the wall. The kit includes the popular 808series medium pressure oil reel, along with a choice of 1:1, 3:1 or 5:1 ratio oil pumps, connecting hose. Included will also be the Lubeworks® digital oil gun and wall mounted pump bracket.

FEATURES: C808-450M HOSE REEL

- Corrosion Resistant.
- Adjustable Guide Arm.
- Multi Position Ratchet Lock.
- Spring fully enclosed and factory lubricated.
- Latching of hose at any length.
- All brass full flow swivel assembly as standard.
- Multiple mounting positions.
- Four-way roller guide.
- 12 month manufacturers warranty.

FEATURES: J100S, J300S & J500S OIL PUMPS

- Precision Machined.
- Long working life.
- High volume transfer.
- c/w 2" bung adaptor.
- Low noise level.
- Easy to operate.
- Oils below SAE 120.
- Max Pressure of 8 bar.



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FEATURES: J1781501F/R DIGITAL OIL GUN

- Inlet: 1/2" BSP swivel female.
- Weight 1.4 kgs (3lbs).
- Maximum flow 35 l/m.
- 5-digit LCD Display.
- Powered by 3v batteries.
- +/- 0.5% precision.
- 2-year warranty.

Items Included in the C808-MODK

Items Included in the C808-MODK	
C808-450M	50' (15m) x 1/2" medium pressure, spring rewind oil reel complete with SAE 100 RI hose
J100S/J300S or J500S	1:1, 3:1 or 5:1 ratio oil pumps (Stub) Suction tubes are available at an extra cost.
J1781501F/R	Digital oil control gun c/w both rigid and flexible nozzles.
JWB10000	Wall mounted kit.
TGCOS200	Pump to Reel Connecting Hose.

Pneumatic Oil Pump Kit

J100TDG

The J100TDG is designed to pump and dispense oil or anti-freeze directly from a 205ltr drum. The J100TDG includes J100 drum pump, 2" bung adaptor, air regulator / lubricator, 3m (10ft) reinforced oil delivery hose and oil dispensing gun.

FEATURES:

- Suitable for use with oils up to 120SAE
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid.
- Low noise level- quiet efficient and reliable
- Supplied with 2" bung adaptor
- 2-Year manufacturers warranty



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Mobile Pneumatic Oil Dispensers

JPOD030 / JPOD065

The JPOD030 and JPOD065 are suitable for filling and topping up of oil, once charged the unit can be used without being connected to the air supply, and is equipped with a level gauge delivery gun and flexible hose. Will dispense all automotive engine and gearbox oils.

FEATURES:

- Pneumatic oil dispenser equipped with level gauge and delivery gun with flexible end.
- Works autonomously with out the requirement of continuous connection to air supply.

For information and details of other oil drainers and changers please turn to pages 176 to 178

TECHNICAL DATA (JPOD030)	
Tank capacity:	30L / 8 Gallon
Air pressure:	7-8 Bar / 100-114 Psi
Maximum pressure:	10 Bar / 145 Psi
Flex Hose:	2000mm / 79"
Weight:	15 kgs / 33 lbs

TECHNICAL DATA (JPOD065)	
Tank capacity:	65L / 17 Gallon
Air pressure:	7-8 Bar / 100-114 Psi
Maximum pressure:	10 Bar / 145 Psi
Flex Hose:	2000mm / 79"
Weight:	26 kgs / 57 lbs



Pressure Sprayer

JPS030

The JPS030 Pressure sprayer is equipped with level gauge and spray gun and is suitable for the non-toxic spraying of detergent liquids for washing motors vehicles, low-density lubrication oils, and similar products for distributing lubricating, and preservation oils.etc. Filled to ¾ capacity with chosen liquid, then pressurised with air at 7-8 bar. Once charged, the JPS030 can be used autonomously around the workshop, without requiring continuous connection to the compressed air supply.

FEATURES:

- Supplied with 5mtr of flexible hose
- Delivery gun length – 27"
- Supplied with funnel for easy filling
- Supplied with gun holster for easy storage
- Tank capacity – 30Ltrs
- Easy to manoeuvre



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Technical Data	
Tank Capacity	30L / 8 Gals
Maximum Working Pressure	10 bar / 145 psi
Flexible Hose Length	5 mtr / 16 ft
Gun Length	69cm / 27"
Air Inlet Connection	¼" quick plug, ¼" NPT



HG40/60 Oil Control Gun

DISPENSING EQUIPMENT – OIL CONTROL GUNS



SPECIAL ELECTRONIC FEATURES:

- The HG60 Pre-set electronic oil gun has been designed using latest technology.
- The self correcting algorithm allows the meter to measure and self correct any variance in oil flow.
- EEPROM Retention: Allows all information to be retained if the batteries are removed.
- Fail Safe: If low voltage is detected the pre-set function is locked out. If a computer error is detected the HG60 will shut down.
- Sleep Mode: When the gun has not been used for 2 minutes the electronics will go to "sleep". This preserves battery life. Battery life expectancy is 12-18 months (depending on use).
- The gun can be used in manual mode if required.
- In addition to the standard manual and auto mode functions, there are 5 pre-settable totals which can be changed for frequently required volumes.
- 3 volt technology for long battery life.

HG40 Oil Control Gun with Mechanical Meter and HG55 Oil Control Gun with Electronic Meter also available. Please call for further details.

HG 60 SPECIFICATIONS:

Wetted components:	Aluminium, acetal, steel, nitrile rubber
Accuracy:	+/- 0.5% (of reading)
Flow Range:	1-30 L/min (0.26 – 8 US gal/min)
Maximum Pressure:	10350 kPa (1500 psi, 103.5 bar)
Pressure Loss:	100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
Weight:	1.16kg (2.55 lbs)
Swivel Inlet:	1/2" BSP or NPT(F)
Operating temp:	0° - 50° C (32° - 122° F)
Storage temperature:	-10° - 60° C (14° - 140° F)



FEATURES:

- Up to 30 litres (8 US gal) per minute
- Maximum working pressure 103 BAR/ 10350kPa/1500 psi.
- Latching handle with trigger lock
- Selectable alarm
- Shock resistant
- Complete with rigid extension and non-drip nozzle
- 6 digit resettable and accumulative totals
- Oval gear meter (accuracy ± 0.5% of reading)
- Two outlet nozzle positions (in line or 90° deg)
- Heavy duty construction
- Spare parts availability guaranteed for ten years
- Fully serviceable ■ Use two standard AA batteries

HG 40 SPECIFICATIONS:

Wetted components:	Aluminium, acetal, steel, nitrile rubber
Accuracy:	+/- 1% (of reading)
Flow Range:	1-30 L/min (0.26 – 8 US gal/min)
Maximum Pressure:	10350 kPa (1500 psi, 103.5 bar)
Pressure Loss:	100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
Weight:	1.16kg (2.55 lbs)
Swivel Inlet:	1/2" BSP or NPT(F)

Multi-Coloured Shrouds



CS4M for HG40, CS4E for HG55 and HG60

Digital Preset Oil Meter

J18133502



The Lubeworks oil control gun is a Electronic Preset meter. This control gun is suitable for use with engine oil, gear oil, automatic transmission fluid and anti-freeze/anti-boil.

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FEATURES:

- 5 Digit LCD Display
- Supplied with both rigid and flexible nozzles
- In addition to the standard manual & auto mode functions, there are five pre-settable totals which can be changed for frequently required volumes
- Automatic non drip nozzle
- Shock resistant
- 2-Year warranty

Technical Data

Inlet Connection	1/2" Female
Flow Range	1-35 LPM
Pressure Range	0.5-70 bar 7-1000 psi
Max Temperature	60°C
Accuracy	+/- 0.5%
Viscosity	8-5000mPas
Nozzle	Flexible/Rigid Non-drip
Power Source	4xAA Size 1.5v
Weight	1.5kgs/3.3lbs

Oil Control Guns and Digital Oil Meter

J1781501 F/R

The J1781501F/R digital oil meter is a durable and accurate and supplied with both rigid and flexible nozzles, typical fluids handled are motor oil; gear oil; transmission fluids, etc. Resettable total for daily, weekly, and lifetime dispense reports with a 5-digit easy to read LCD display powered by 3V battery.

For up to date information and prices please visit our web site - www.redashe.co.uk

FEATURES:

- Inlet connection: 1/2" female
- Fluid range: 1 - 35 l/min; 0.3 - 9.2 gpm
- Low battery indicator
- Pressure range: 0.5 - 50 bar / 7 - 750 psi
- Temperature - Max 60°C
- Accuracy: +/- 0.5 %
- Viscosity: 8 - 5000 mPas
- Spout: Supplied with both rigid, and flexible nozzles.
- Power source: 1*3V CR2 Battery
- Weight: 1.4 kg / 3 lb
- Rubber protection cover



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Hi Flow Oil Control Gun

J18126080

High flow oil control gun for transferring large volumes of lubricating oils. Typical fluids handled are motor oil, gear oil, transmission fluids. 5-Digit LCD running totaliser and resettable display.

FEATURES:

- Inlet connection 3/4" BSP female
- Rubber protection shroud for meter
- Flow range 1 -60l/min - 0.3-16gpm
- Low battery indicator
- 5-Digit easy to read LCD display powered by 3v CR2 battery
- Pressure range: 0.5 - 50 bar / 7 - 750 psi
- Temperature - Max 60°C
- Accuracy: +/- 0.5 %
- Viscosity: 8 - 5000 mPas
- Weight 2kg



LubeWORKS™ Solution for Lubricating Equipment

For up to date information and prices please visit our web site - www.redashe.co.uk

HG100/HG100-75 Oil Control Gun

DISPENSING EQUIPMENT – OIL CONTROL GUNS

The HG100 and HG100-75 are feature packed high flow guns designed to shift large volumes of fluid quickly and easily. The HG100-75 comes with a built-in IM75 electronic oil meter. The guns are also available in zinc, for use in the mining industry.

FEATURES:

- Dispenses lubricating oils up to SAE 140, automatic transmission fluid, anti-freeze/anti-boil, and diesel oil
- Flexible 3/4" ID hose with manual nozzle
- Latching trigger for ease of use
- Trigger guard for protection
- Lockable trigger for anti-theft security
- Hanging loop
- Balanced valve assembly allows maximum flow control
- The HG100-75 includes an IM75 electronic oil meter
- 10 year parts availability

SPECIFICATIONS:

Wetted components:	Aluminium/zinc, mild steel, nitrile rubber
Flow Rate:	57 litres (15 US gal.) per min.
Max. Operating Pressure:	10340kPa/1500psi/103 bar
Max. Operating Temperature:	HG100 - 70°C (158°F) HG100-75 - 55°C (131°F)
Inlet Swivel:	3/4" BSP (or NPT (F))
Weight (with fittings):	2.2kg (5lbs)



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HG45 Oil Control Gun

DISPENSING EQUIPMENT – OIL CONTROL GUNS

The Macnaught HG45 oil control gun comes complete with preset mechanical meter. This Macnaught oil control gun has been designed to dispense, measure and control oil flow. This control gun is suitable for use with engine oil, gear oil, automatic transmission fluid and anti-freeze/anti-boil and compatible fluids.

FEATURES:

- Oval gear design ■ Settable volume up to 99.9 litres/US quarts
- Easy to use thumbwheels for accurate volume setting – simply depress wheel and rotate
- Able to set to decimal accuracy
- Easy to read 5 digit non-resettable total and 3 digit resettable batch total
- Straight through flow path reduces pressure drop
- Trigger guard standard ■ Can be used without the preset function if required
- No batteries to fail ■ Simple handle latch design ■ 10 year guaranteed parts availability

SPECIFICATIONS:

Wetted components:	aluminium, acetal, steel, nitrile rubber
Accuracy:	+/- 1% (of reading)
Flow Range:	1-30 litres (0.26/8 US gal) per min.
Max. Pressure:	10350 kPa/1,500 psi/ 103.5 bar
Pressure Loss:	100 kPa/14.4psi/1 bar @
(without nozzle)	12 litres/min (3.2 US gal/min) with calibration fluid (6 centipoise viscosity)
Weight:	1.16kg (2.55 lbs)
Swivel Inlet:	1/2" BSP or NPT(F)
Dimensions:	25.8cm (10") L x 9.5cm (3.7") H x 11cm (4.3") W


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Mechanical Oil Control Gun with Flexible Extension

ZOM10F

Low cost oil control gun with a fully integrated mechanical display for dispensing oil, diesel and bio-diesel.

FEATURES:

- Oval gear mechanism
- Supplied complete with hose extension and manual non drip nozzle
- Built in 1/2" BSP swivel inlet for easy manoeuvrability
- Trigger lock to prevent accidental dispensing

SPECIFICATIONS:

Flow Rate:	1 to 30 l/min (0.3 to 8 g/min)
Accuracy:	+/- 1% (of reading)
Max. Working Pressure:	870 psi (60 bar)
Working Temp Range:	-10°C to 60°C (14°F to 140°F)
Max. Resettable Batch Total:	999.9 litres
Max. Non Resettable Totaliser:	999999 litres
Inlet Thread:	1/2" BSP(F)



 **GROZ**

For up to date information and prices please visit our web site - www.redashe.co.uk

HG20R/F Oil Control Gun

DISPENSING EQUIPMENT – OIL CONTROL GUNS

These oil delivery guns are of high quality and easy to use in any workshop in conjunction with air operated oil systems up to 7:1 ratio (R100, R300, R500 and the Oilmaster® range).

FEATURES:

- Dispenses lubricating oils up to SAE 140, and ethylene glycol (anti-freeze anti-boil)
- Utilises a straight through flow path to reduce pressure drop
- Latching trigger for ease of use
- Incorporates a ball bearing swivel inlet to ensure smooth operation and prevent the hose from kinking
- Non-drip automatic delivery nozzle
- 10 year parts availability

SPECIFICATIONS:

Wetted components:	aluminium, mild steel, nitrile rubber
Max. Operating Pressure:	7000 kPa/1000psi/70 bar
Flow Rate:	Up to 25 litres (6.5 US gal.) per min.
Max. Operating Temperature:	70°C (158°F)
Inlet Connection:	1/2" BSP (or NPT (F))
Weight (approx.):	800g (1.8lbs)

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Rigid / Flexible Oil Control Guns

J1782801 / J1782802



The J1782801 is a durable and lightweight oil control valve with rigid nozzle and manual tip, typical fluids handled are motor oil; gear oil; transmission fluids, etc.



J1782802 - Flexible Nozzle with Automatic Tip

J1782801 - Rigid Nozzle with Manual Tip

The J1782802 flexible oil control gun is a durable and lightweight oil control valve with flexible nozzle and automatic tip, typical fluids handled are motor oil; gear oil; transmission fluids, etc.

FEATURES:

- Inlet connections: 1/2" swivel female
- Max pressure: 50 bar / 750 psi
- Temperature: Max 60°C Spout

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Oil Control Gun (Manual Tip)

ZOCG1

Oil delivery gun for use with air-operated oil pumps up to 6:1 pressure ratio. Gun dispenses by simple press of the trigger.

FEATURES:

- Built in safety latch which can be slid over the trigger for continuous unattended dispensing; or alternatively under the trigger to lock and prevent accidental dispensing of fluid.
- Rigid nozzle with manual tip.
- Recommended use: oil, gear oil, ATF and anti-freeze
- 1/2" BSPT female swivel inlet.



Specification	
In-Line Swivel	1/2" BSPT (F)
Outlet Diameter of Spout	1/2" (12.7mm)
Max. Inlet Pressure	870 PSI (60 BAR)
Max. Flow Rate	63 LPM (16.6 GPM)
Max. Temperature	60° C (140° F)

Automatic Non-Drip Nozzle

ZNDN

Automatic non-drip nozzle, designed with multiple check valves to achieve absolute non-drip. The nozzle opens automatically under pressure; and closes automatically with the release of pressure. The discharge end has a narrow section allowing the nozzle to dispense in to small openings. Designed to minimize pressure loss.

FEATURES:

- 1/4" BSPT (F) inlet thread



Oil Drip Tray

JDT10001

Wall mounted drip tray, to collect drips from delivery gun nozzle.

FEATURES:

- Removable tray for easy disposal of excess oil



For up to date information and prices please visit our web site - www.redashe.co.uk



C4 Oil Pump

OIL TRANSFER EQUIPMENT – HAND OPERATED PUMPS

A fully serviceable, long life, low cost pump that is engineered for trouble free use. A zinc version (C4-Z) is also available for use in underground mines.

FEATURES:

- Pumps non-corrosive liquids up to SAE 30
- Delivers approximately 100ml per stroke
- Sliding bung adaptors suit containers from 15 litre (4 US gal) to 25 litre (6 US gal)
- Fully serviceable



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C7 Oil Pump

OIL TRANSFER EQUIPMENT – HAND OPERATED PUMPS

The C7 OIL PUMP is ideal for pumping gear oils (to SAE 140) and transmission fluids from 15 litre (4 US gal) to 25 litre (6 US gal) containers. The C7 Oil Pump delivers approximately 100mls per stroke on each down stroke.

A zinc version (C7-Z) is available for use in underground mines and a strainer (CF) is available for use with automatic transmission fluids.

FEATURES:

- Pumps non-corrosive liquids to SAE 140
- Delivers approximately 100ml per stroke
- 1.8m (6ft) Delivery hose with non-drip metal nozzle and built in hose hanger
- Sliding bung adaptors suit containers from 15 litre (4 US gal) to 25 litre (6 US gal)
- Fully serviceable
- Optional strainer (CF) for auto transmission fluids and hydraulic fluids.

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C65P Oil Pump

OIL TRANSFER EQUIPMENT – HAND OPERATED PUMPS

Economy oil pump suitable for 20 litre containers

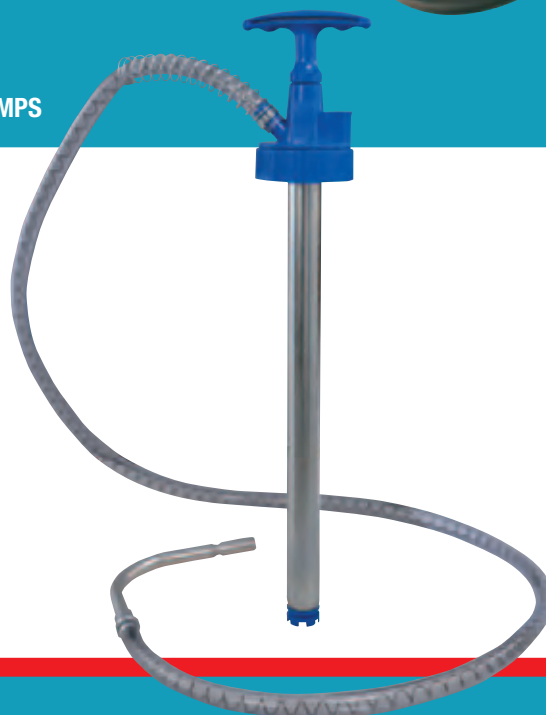
FEATURES:

- Built in oil drain back facility
- 1.5 m anti-kink hose
- Non-drip dispensing nozzle
- Delivers approximately 65 ml (14 strokes per litre) on the down stroke
- Suitable for oils and non-corrosive liquids up to SAE140

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C11/C13 Gear Oil Pump

OIL TRANSFER EQUIPMENT – HAND OPERATED PUMPS

C11 GEAR OIL PUMP - 205 LITRE (55 US GAL)

C13 GEAR OIL PUMP - 60 LITRE (16 US GAL)

The C11 and C13 Gear Oil Pumps are specifically designed for pumping heavier gear oils (to SAE 140) from 60 litre (16 US gal) and 205 litre (55 US gal) drums. These pumps each deliver approximately 75mls per stroke through a 1.8m (6ft) delivery hose and non-drip nozzle. An optional strainer (CF) is available for pumping automatic transmission fluids and hydraulic oils.

FEATURES:

- Pumps gear oils to SAE 140
- Delivers approximately 75mls per stroke
- 1.8m (6ft) delivery hose with non-drip nozzle and built in hose hanger
- Optional strainer (CF) for auto transmission and hydraulic fluids

For up to date information and prices please visit our web site - www.redashe.co.uk



Ezee Flo Pump

ZEZF2



Versatile hand lift pump for 20/25ltr drums.

FEATURES:

- Heavy duty steel suction tube with high density polyethylene pump head.
- Supplied with interchangeable bung adapters and suction tube extension.
- Rigid steel discharge spout and 48" long spring embedded non kink discharge hose fitted with non drip nozzle.
- Downstroke operation.
- Delivers 1 litre (1 quart) / 18 strokes.
- Wetted components: steel, aluminium, polyethylene, polypropylene, high nitrile rubber, PVC and acetal.
- Recommended use: engine oils, gear oils, diesel and light fuel oils.
- Do not use with: water based and other corrosive media.



C16 Suction Gun

OIL TRANSFER EQUIPMENT – HAND OPERATED PUMPS



A suction gun that is ideal for use with gear oils to get them both into and out of gearboxes, transfer cases and differentials. Another useful application is to use the C16 Suction Gun to evacuate the sump of an inboard marine engine.

FEATURES:

- Suitable for use with non-corrosive fluids to SAE 90
- 500mls capacity

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Suction Gun

ZSG11



GROZ



Robust transfer gun designed for use with gear oils to get them both into and out of gear boxes, transfer cases and differentials.

FEATURES:

- Steel barrel with powder coated finish
- Complete with 12" (300mm) flexible vinyl hose
- Fully serviceable
- No priming required
- Suitable for use with non corrosive liquids
- Capacity 500ml (16oz)

For up to date information and prices please visit our web site - www.redashe.co.uk

GP Rapid-Flo

FUEL HANDLING EQUIPMENT – HAND OPERATED

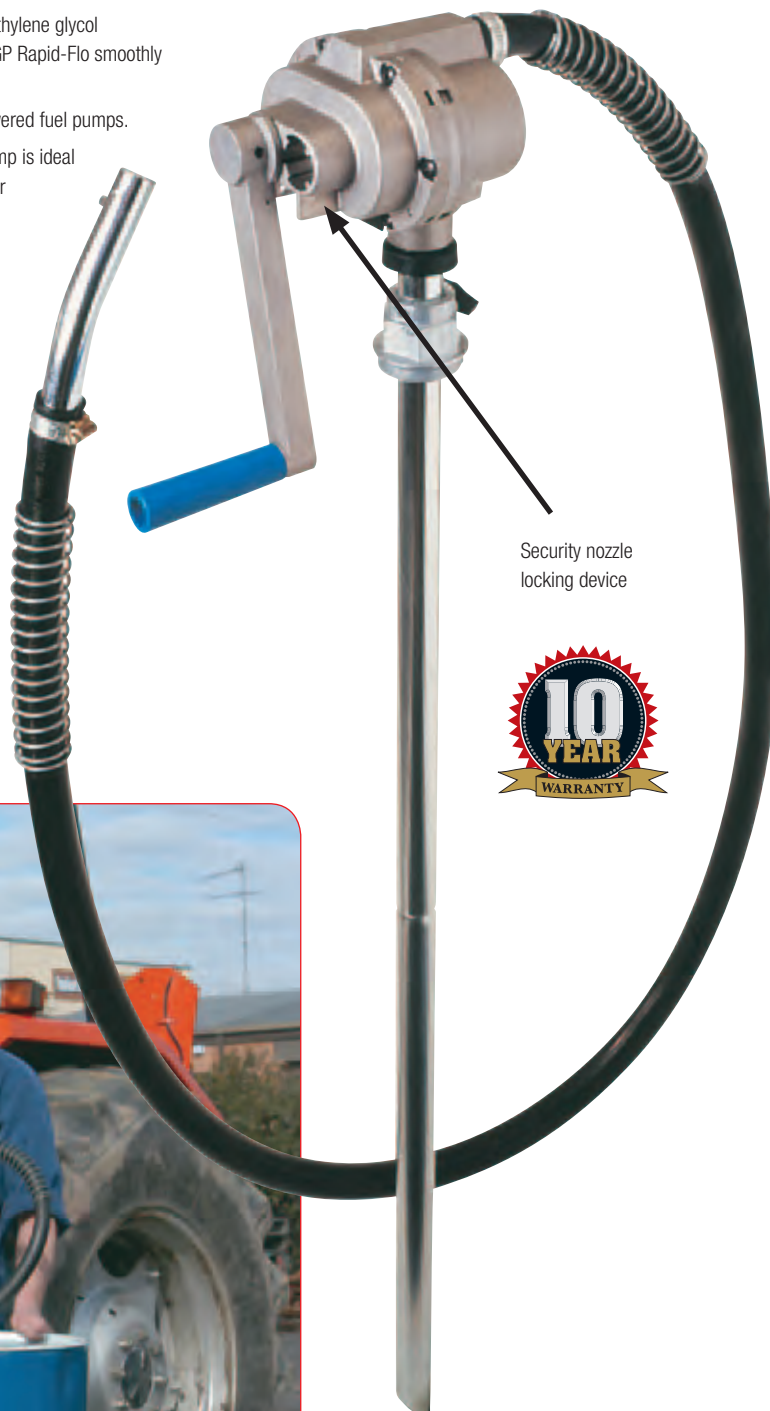
A durable high quality pump for fast transfer of diesel, petrol, AV gas, ethylene glycol (anti-freeze/anti-boil) kerosene and light (SAE 30) lubricating oils. The GP Rapid-Flo smoothly pumps up to 100 litres (26 US gal) per minute.

An impeller type rotary pump, the GP Rapid-Flo out-performs most powered fuel pumps.

Designed for 205 litre (55 US gal) or 60 litre (16 US gal) drums this pump is ideal for farm transport and earthmoving vehicles, indeed for any fuel transfer operation you may have.

FEATURES:

- Fast output up to 100 litres (26 US gal) per minute. Approximately 1 litre (1 qt) per rotation
- Pumps diesel, petrol, kerosene and lubricating oils up to SAE 30
- Ideal for high volume aviation transfer fuel
- Pumps easily in both directions
- 2.4m (8ft) antistatic rubber delivery hose and metal nozzle
- Lockable handle and built in nozzle holder
- 1050mm (3.5ft) two piece threaded suction tube
- In-built strainer
- 25mm (1") outlet port
- 50mm (2") adjustable bung adaptor
- Optional 10 micron fuel filter – model GB includes installation/fitting kit



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RVP Rotary Vane Pump

FUEL HANDLING EQUIPMENT – HAND OPERATED

This economical rotary pump is designed to dispense various types of lubricating oils and fuels up to 20 L (5 US gal) per minute from 60 L (16 US gal) to 205 L (55 US gal) drums.

FEATURES:

- Pumps diesel, kerosene and lubricating oils up to SAE30
- Supplied with a telescopic suction tube and 2" sliding bung adapter
- RVP is supplied with a 1.8m delivery hose with a metal nozzle and nozzle holder
- Optional 10 pm VA fuel filter available separately
- 10 year warranty
- 10 year parts availability



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TECHNICAL DATA

Wetted components:	Aluminium, steel, zinc, and nitrile rubber.
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VA Fuel Filter

A 10 micron paper element fuel filter for use with the RVP rotary pump. Inlet and outlet threads are 25mm (1") NPT (F) and fittings are included for easy installation to the RVP rotary pump.



A2H Multi Purpose Pump

OIL TRANSFER EQUIPMENT – HAND OPERATED PUMPS

A high quality pump for transferring a wide variety of fluids. The A2H or A2 pumps will handle diesel fuel, lubricating oils (up to SAE 90), other non-corrosive fluids and with the replacement 'O' rings supplied with the pump, a wide range of solvents and chemicals.

FEATURES:

- Variable handle setting for light or heavy fluids
- Delivers approximately 250mls per stroke
- 1.8m (6ft) delivery hose with metal nozzle & built in nozzle holder
- 'Built in' drum bung opener on pump head
- Telescopic suction tube fits 60 litre (16 US gal) and 205 litre (55 US gal) drums
- Fully serviceable
- Supplied with Nitrile, Viton and EPDM 'O' rings



HP Litre-Stroke

FUEL HANDLING EQUIPMENT – HAND OPERATED

The HP Litre-Stroke has an easy lever action which delivers up to 40 litres (10 US gal) per minute of petrol, diesel, kerosene or light lubricating oils up to SAE 30.

The HP Litre-Stroke pump is designed for either 205 litre (55 US gal) or 60 litre (16 US gal) drums and is ideal for most types of fuel transfer operations when an economical and long lasting pump is required. This pump is built for very harsh working conditions.

FEATURES:

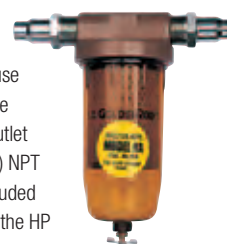
- Delivers up to 40 litres (10 US gal) per minute, approximately 1 litre (1 qt) per stroke
- Pumps petrol, diesel, kerosene and lubricating oils up to SAE 30
- 2.4m (8ft) antistatic rubber delivery hose and metal nozzle
- Lockable handle and built in nozzle holder
- 1000mm (3ft) two piece threaded suction tube
- 25mm (1") outlet port
- Optional 10 micron fuel filter - model HA includes installation/fitting kit

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HA Fuel Filter

A 10 micron paper element fuel filter for use with the HP Litre Stroke fuel pump. Inlet and outlet threads are 25mm (1") NPT (F) and fittings are included for easy installation to the HP Litre Stroke pump.



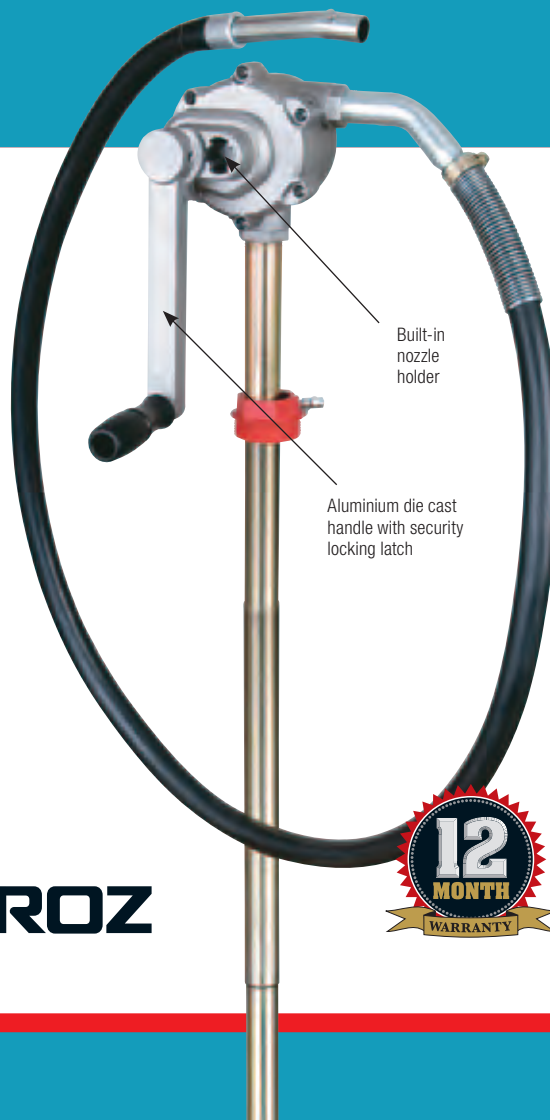
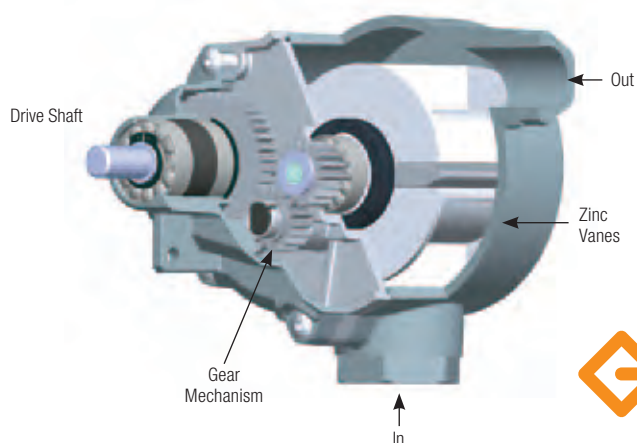
Rotary Booster Pump

ZRB3

Geared rotary barrel pump 3:1 ratio, suitable for volume fuel dispensing.

FEATURES:

- Die cast aluminium construction with sintered gear driven die cast zinc rotor and vanes
- Pump fitted with easy to clean wire mesh screen
- Discharge through 1.8m delivery hose with metal nozzle
- 3pc threaded suction tube for use with 15 gallon (50 litre) - 55 gallon (205 litre) drums
- Dispenses 55 gallon / 205 litres in 3 minutes
- Wetted components aluminium, zinc, steel, NBR, PVC nitrile
- Recommended use diesel fuel, gasoline, kerosene and lubricating oils up to SAE30
- Do not use with corrosive liquids, solvents, acids, alkalis etc.



GROZ

Lever Bio-diesel & E85 Fuel Pump

ZLBP85

An extremely rugged and strong all steel pump designed specifically for use with Bio-diesel and E85 fuels.

FEATURES:

- Extra long pump body makes it easy to place refill containers on the drum for convenient filling.
- Complete with telescopic suction tube for use with 50ltr (15 gal) - 205ltr (55 gal) barrels.
- Steel bung with 2" threads
- Delivers 300ml / stroke
- Do not use with corrosive liquids, solvents, acids, alkalis etc.



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Industrial Rotary Fuel Pump

ZRBP3V

Heavy-duty industrial rotary fuel pump for use in extreme weather conditions. One of the only 3 vein constructed pumps on the market. The 3 veins give the pump the ability to deliver media with a lift up to 6.1mtrs (20ft) and a maximum discharge rate of 38 l/min (10g/min).

FEATURES:

- Deliver media with a head/lift up to 6.1mtrs (20ft)
- Solid cast iron construction, fully CNC machined to close tolerances
- Sintered powder metal rotor and graphite veins
- Supplied complete with 2" bung, telescopic suction tube with strainer for use with 50ltr (15 gallons) – 205ltr (55 gallons) barrels.
- Delivers 38 l/min (10 g/min)
- 8ft antistatic discharge hose with flame arrestor and vacuum breaker
- Suitable for use with gasoline, diesel, kerosene and other solvents compatible with the pumps wetted components
- Wetted components: Cast iron, steel graphite, paper and polypropylene

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Hand Operated Pumps

J1703001/J1703003/J1703004/J1700201

Lever Hand Pump

The J1703001 self-priming lever pump is manufactured in steel, which is zinc-plated to give a quality finish. Supplied with self-adjusting, telescopic suction tube and 2" bung nut.

FEATURES:

- Cushioned vinyl handle
- Supplied with self adjusting suction tube
- Dispenses approximately 300cc per stroke
- Zinc plated for lasting quality and appearance
- Suitable for use with 50-205ltr drums

Lift Pump

The J1703003 lift pump, manufactured in mild steel, chrome plated, suitable for use with diesel or oils up to SAE90, can be used with container sizes from 5-55 gallon (20-205litres).

FEATURES:

- Dispenses approximately 250ml per stroke
- Trisure / Valerex 2" BSP thread adaptors
- Suitable for use with 20-205 ltr drums

Rotary Barrel Pump

The J1703004 rotary action vane type pump is suitable for dispensing diesel, and lubricating oils up to SAE 90, output of up to 25litres per minute.

FEATURES:

- Supplied with 3 piece suction tube and 2" bung adaptor
- Built in suction strainer
- Suitable for dispensing diesel, and lubricating oils up to SAE 90
- Output - up to 25 litres per minute

Hand Operated Oil Pump Unit

J1700201 - Self contained oil pump supplied complete with a 16 kg powder coated container with 430 mm handle. 1.5M x 1/2" I.D. PVC hose and 3/8" I.D. metal pipe. Capacity approx. 0.13L/stroke

FEATURES:

- 16L powder coated container with 430mm handle
- 1.5M 1/2" I.D. PVC hose and 3/8" I.D. pipe
- Capacity approx 0.13L / stroke
- Weight: 10kgs / 22lbs

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Hi-Flow Electric Diesel Pump

GEHF 12M (MANUAL), GEHF 12A (AUTOMATIC)

A reliable 12 volt high flow diesel pump designed to provide high flow diesel transfer, up to 75 litres per minute. This unit has a continuous duty cycle, built in cooling fan and pressure relief valve.



FEATURES:

- Portable
- Self priming
- Built-in pressure relief valve
- Continuous duty cycle
- Built-in fan
- Vane style pump
- Consumption 35-53 amps
- Flow rate 75 L/min (free flow)
- Key lock start
- 1" BSP inlet/outlet thread
- 25mm (1") ID x 1.7m (5½ft) long suction hose
- 25mm (1") ID x 4m (13ft) long delivery nose
- 1" I/O x 4 m long delivery nose
- Manual or automatic nozzle
- Weight 11.9 kg
- 10 year parts availability



12v Electric Diesel Pump

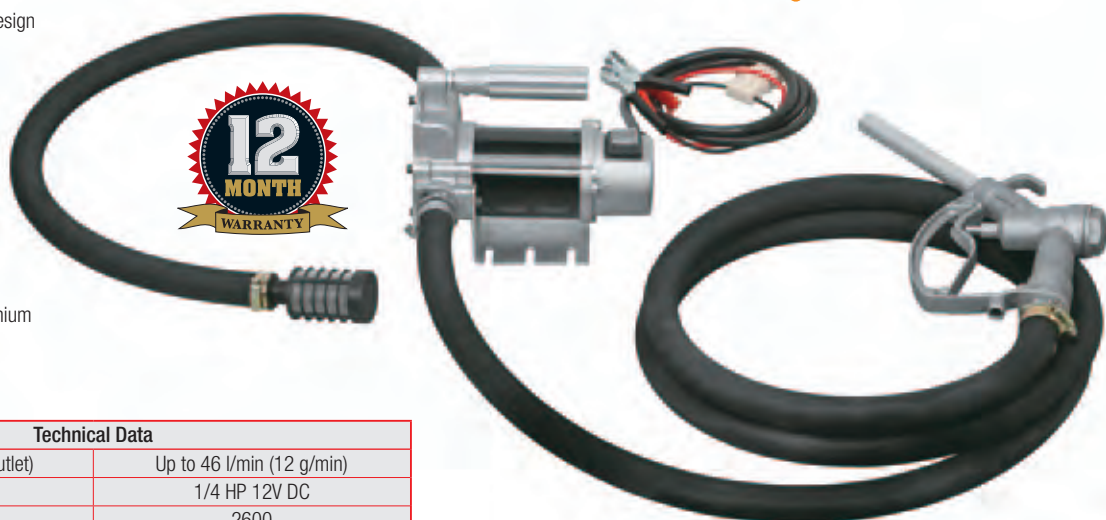
ZEDP12V

Lightweight, yet strong non corroding aluminium die cast construction portable diesel transfer pump designed for everyday use in agricultural, construction, automotive and industrial applications.



FEATURES:

- Self priming vane pump design
- Recommended use diesel and kerosene
- Up to 46 l/min (12 g/min)
- Kit includes base plate, lift handle, 4m suction/delivery hose with clamps, fuel strainer, 2m battery cable with fuse and aluminium fuel nozzle



Technical Data	
Flow Rate (at pump outlet)	Up to 46 l/min (12 g/min)
Motor	1/4 HP 12V DC
RPM	2600
Amp Draw From Battery	12 amp
Internal Bypass Valve	Yes
Outlet	¾" NPT
Battery Cable	2 Meter
Duty Cycle	30 mins. On / 30 mins. Off

For up to date information and prices please visit our web site - www.redashe.co.uk

Electric Fuel Transfer Pump

J1500451

This robust self-priming vane diesel pump delivers up to 45L/m. The pump motor is continuously rated with a thermal cut-out, supplied with 4mtrs of hose, and delivery nozzle, mechanical meter with a 4 digit resetable totaliser, and 8 digit non resetable totaliser.

FEATURES:

- Medium output – up to 45L/min
- Self priming vane type pump
- Continuous duty cycle
- Thermal overload cut out
- Inlet connection 1"
- Outlet connection 1"
- Meter accurate to +/- 1%
- Supplied complete with 4mtr of delivery hose and automatic nozzle



Technical Data	
Pump Output	45 L/min
Voltage	230v
Inlet Connection	1"
Outlet Connection	1"
Hose Length	4 mtr
Mechanical Meter	1581400
IP Rating	IP45

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Electric Fuel Transfer Pump

J1500450

This robust self-priming vane type diesel pump is housed in its own neat and compact cabinet, and delivers up to 45L of diesel per min. The pump motor is continuously rated with a thermal cutout, the unit is supplied with 4mtrs of hose, delivery nozzle, mechanical meter with a 4 digit resetable totaliser, and 8 digit non resetable totaliser.

FEATURES:

- Medium output – 45 Litres pm
- Pump and meter housed in painted Steel cabinet
- 230v single phase motor with IP45 protection
- Self priming vane type pump
- Continuous duty cycle with thermal overload cut out
- Meter accurate to +/- 1%
- Supplied complete with 4mtr of delivery hose and automatic nozzle
- Inlet connection 1"
- Outlet connection 3/4"



Technical Data	
Pump Output	45 L/min
Voltage	230v
Inlet Connection	1"
Outlet Connection	3/4"
Hose Length	4 mtr
Mechanical Meter	1581400
IP Rating	IP45



LubeWORKS™ Solution for Lubricating Equipment

Fuel Nozzles

J1789021 / J1789023-1 / J1789022-1 / ZFN34

Aluminium Diesel Delivery Nozzle

J1789021 Aluminium Diesel Delivery Nozzle with cast aluminium body and $\frac{3}{4}$ " inlet port, suitable for use with gravity or pumped systems, integral hook for easy storage when not in use.

FEATURES:

- Suitable for use with pumped and gravity flow systems.
- Integral hook for easy storage when not in use.
- $\frac{3}{4}$ " Inlet port
- Maximum flow rate 60Lpm

High Volume Auto Nozzle

Constructed in cast aluminium with plastic coated body and handle assembly. The J1789023-1 automatically shuts off the flow of fuel when the tank is full.

FEATURES:

- Flow rate 80 – 120Lpm
- High, medium and low volume latching facility
- 1" swivel inlet with 1" spout
- Suitable for use with Petrol or Diesel
- Plastic coated body and handle assembly
- Automatically shuts off the fuel flow when the tank is full.

Automatic Shut-off Nozzle

Constructed in cast aluminium with plastic coated body and plastic handle assembly. The J1789022-1 automatically shuts off the flow of fuel when the tank is full.

FEATURES:

- Flow rate 45-60 Lpm
- $\frac{3}{4}$ " swivel inlet
- High, medium and low volume latching facility
- Suitable for use with Petrol or Diesel
- Integral strainer
- Plastic coated body and plastic handle assembly
- Automatically shuts off the fuel flow when the tank is full.

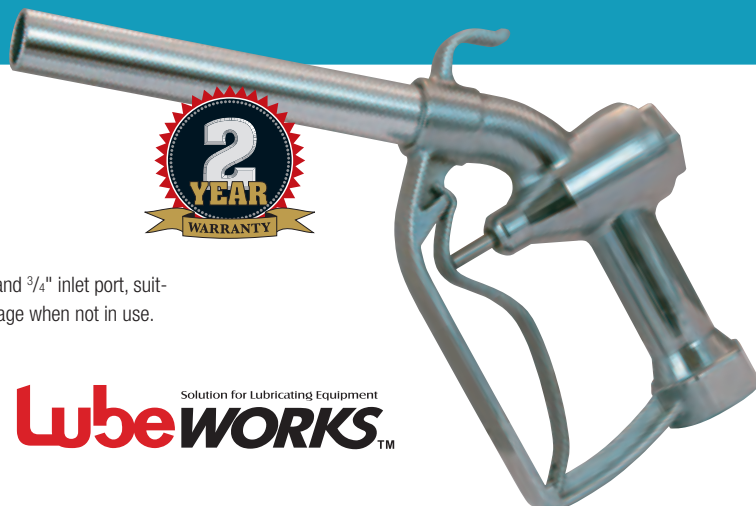
Fuel Nozzle $\frac{3}{4}$ " Manual

ZFN34

Aluminium fuel nozzle with $\frac{3}{4}$ " BSP swivel inlet port. Suitable for use with electric fuel pumps and gravity feed applications. Also includes continuous flow switch for unattended dispensing.

FEATURES:

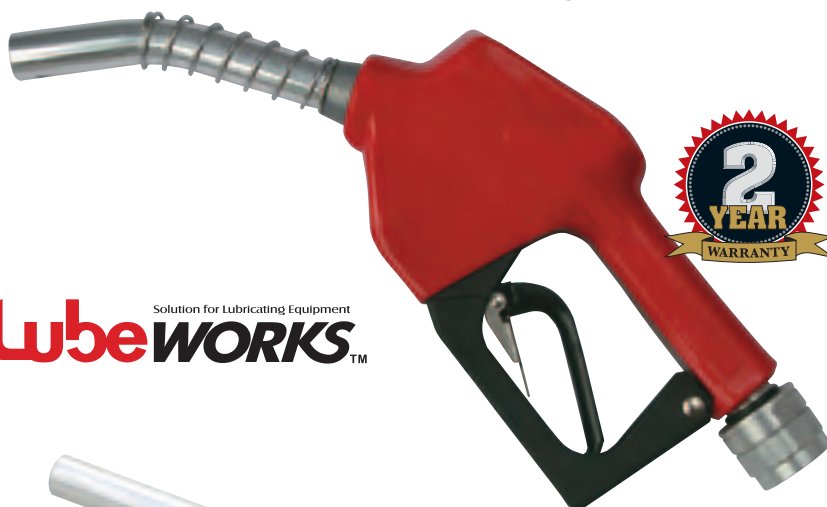
- For use with diesel, kerosene and petrol.
- 160mm Long spout
- Fitted with continuous flow switch
- $\frac{3}{4}$ " BSP Hose swivel at inlet for increased manoeuvrability.



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GROZ

DM100 Diesel Flowmeters

FLOW METERS – DIESEL

Suitable for diesel, kerosene and petrol, the DM100 is specifically designed for the accurate measurement of fuels in non-resale applications. Manufactured from corrosion resistant materials the DM100 uses oval gear technology to deliver 1% accuracy with low pressure drop making it suitable for gravity and pumped applications at up to 80 litres per minute. The mechanical register, which can be rotated in 90 degree steps, features a 6 digit non-resettable and 4 digit push button resettable display.

FEATURES:

- In-built wire mesh strainer
- Rotatable large digit mechanical display
- 10 year guaranteed parts availability

TECHNICAL DATA:

Materials:	aluminium, zinc plated carbon steel, nitrile, viton
Accuracy:	+/- 1% of reading
Flow Range:	3-80 litres per min.
Max. Pressure:	145psi/10 bar
Register/totaliser:	0-999,999 litres
Register/reset:	0-999.9 litres
Max. Temp:	80°C (176°F)
Inlet/Outlet thread:	1" BSP (F) (NPTF option available)
Dimensions:	134mm (W) x 118mm (H) x 121mm (D)
Weight:	1.2kg



DM100BD Bio Diesel Flowmeters

DM100-01-BD FLOW METER BIODIESEL COMPATIBLE

The DM100-01-BD has been designed to measure biodiesel, diesel, kerosene and petrol, and is made from corrosion resistant aluminium with easy to read mechanical register.

FEATURES:

- Oval gear design
- Low pressure drop allows for gravity and inline applications
- Register cap can be easily removed and rotated to every 90 deg orientation for display reading
- Supplied with integrated mesh strainer
- Available in litre, US gal, UK gal calibration
- 10 year product warranty
- 10 year parts guarantee



TECHNICAL DATA:

Wetted components:	Aluminium, nickel plated carbon steel, PEI resin, viton, acetal resin
Accuracy:	+/- 1% of reading
Flow Range:	3-90 L/min
Max. Pressure:	1000 kPa
Register/totaliser:	0-999,999 litres
Register/reset:	0-999.9 litres
Max. Temp:	80°C (176°F)



Mechanical Fuel Meter

J1581400

This mechanical fuel meter has a flow rate of 20-120 ltrs per minute, with a resettable 4-digit totaliser, and a non-resettable 8-digit totaliser, which registers up to 9,999,999.9 Litres. Made with an aluminium-metering chamber with polybutylene disc. Suitable for use with diesel.

FEATURES:

- Aluminium-metering chamber with polybutylene nutating disk.
- Flow rate 20 – 120ltrs per minute (5-30gpm)
- 1" inlet / outlet
- Accuracy +/-1%
- Maximum working pressure 3.5bar / 50psi
- 4-digit readout, with 8-digit non-resettable totaliser



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Solution for Lubricating Equipment



Mechanical Fuel Meter

ZFM100

The ZFM100 is a nutating disc meter that is suitable for diesel, petrol, bio-diesel and low to medium viscosity oils. Can be used with both electric fuel pumps and gravity flow systems with a minimum gravity head of 4ft.

FEATURES:

- Robust aluminium die cast construction
- 3 Port design which allows the meter to be fitted in-line or with inlet and outlet ports to be at right angles
- Nutating disc mechanism offer high tolerance to fuel contamination
- Suitable for both pump and gravity flow systems
- Rotatable large digit mechanical display
- Easy user recalibration



SPECIFICATIONS:

Flow Rate:	15 to 75 l/min (4 to 20 g/min)
Accuracy:	+/- 1% (of reading)
Repeatability:	+/- 0.50%
Max. Working Pressure:	50 psi (3.5 bar)
Working Temp Range:	-10°C to 65°C (14°F to 150°F)
Max. Resettable Batch Total:	999.9 litres
Max. Non Resettable Totaliser:	99999.9 litres
Meter Dimensions:	135mm(W) x 105mm(H) x 150mm(D)



Digital Oil Meter

ZOM20

High-pressure positive displacement meter suitable for in-line and end of line applications. Recommended use with oils that has a viscosity up to 5000 cSt, diesel and bio-diesel.

FEATURES:

- Oval gear mechanism for optimum accuracy
- Robust aluminium die cast construction
- Electronic display using two 1.5v batteries
- Easy user recalibration



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SPECIFICATIONS:

Flow Rate:	1 to 30 l/min (0.3 to 8 g/min)
Accuracy:	+/- 1% (of reading)
Repeatability:	+/- 0.30%
Max. Working Pressure:	1000 psi (70 bar)
Working Temp Range:	-10°C to 65°C (14°F to 150°F)
Water Resistance:	IP55



IM Series Oil Meters

DIGITAL-MECHANICAL-PULSE

- IM40 (MECHANICAL)**
- IM50 (LCD)**
- IM50P (PULSE OUTPUT)**
- IM75 (LCD)**
- IM75P (PULSE OUTPUT)**

The IM40;IM50; & IM75 high pressure, positive displacement-type meters have been designed specifically to dispense lubricating oils, diesel and kerosene. Suitable for all in-line and end-of-line applications and features a rugged and robust register with integrated electronics and large LC display. IM40 has a mechanical register.

FEATURES:

- Robust aluminium construction
- Fully sealed against dust and water splash
- Protective boot on register
- 10 year warranty on all models
- 10 year parts availability



TECHNICAL INFORMATION:

	IM40	IM50/50P	IM75/75P
Wetted components:	aluminium, hardened steel, nitrile (NBR), Delrin (Acetal)	acetal (suitable with oils), aluminium, nitrile (NBR), mild steel	PEI resin, aluminium, nitrile (NBR), mild steel
Accuracy:	+/- 1% of reading	+/- 0.5% of reading	+/- 0.5% of reading
Flow Range:	1-30 L/min (0.26-8 US gal/min)	1-30 L/min (0.26-8 US gal/min)	3-60 L/min (0.8-15.8 US gal/min)
Max. Working Pressure:	10350kPa (1500psi, 103.5 bar)	10350kPa (1500psi, 103.5 bar)	10350kPa (1500psi, 103.5 bar)
Operating Temperature:	-5°C (23°F) TO 50°C (122°F)	5°C (41°F) TO 55°C (131°F)	5°C (41°F) TO 80°C (176°F) for IM75P
Inlet Port:	1/2" NPT or 1/2" BSPT Female	1/2" NPT or 1/2" BSPT Female	3/4" NPT Female
Outlet Port:	1/2" NPT or 1/2" BSPT Female	1/2" NPT or 1/2" BSPT Female	3/4" NPT Female
Weight:	470g	430g	980g

M Series Flowmeters

FLOW METERS – OIL AND FUEL METERS

An extensive range of highly accurate, positive displacement flow meters ideally suited to lubricant, fuel and chemical measurement. Standard models cover flow ranges from 2 to 1200 litres per minute and are available with mechanical and electronic displays for stand alone applications or with pulse and 4–20mA output for systems.

Model options include construction materials, pipe connections and pressure, temperature and viscosity ratings. Low flow models from 0.5 to 500 litres per hour are also available. Please contact us with your requirements for a detailed quotation.



FEATURES:

- Oval gear positive displacement technology
- Accuracy +/-0.5% on pulse models, +/-1% on mechanical
- Suitable for lubricants, fuels and chemicals
- Available for flow ranges from 2 to 1200 litres per minute
- Pipe sizes from 1/2" to 4" with BSP and flange connections
- Mechanical and electronic display options
- Pulse output and 4–20mA output models
- Multiple construction material options
- Pressure, temperature and viscosity options



Model Reference	Nominal Size	Flow Range
006	1/4"	0.5-100 lph / 0.13-26.4 gph
009	1/4"	15-500 lph / 4-132 gph
012	1/2"	2-30 lpm / 0.5-8 gpm
019	3/4"	3-80 lpm / 0.8-21 gpm
025	1"	6-120 lpm / 1.6-32 gpm
040	1 1/2"	10-250 lpm / 2.64-66 gpm
050	2"	15-550 lpm / 4-146 gpm
075	3"	20-733 lpm / 5-194 gpm
100	4"	120-1200 lpm / 31.7-317 gpm

Turbine Fuel Meters

TM (FUEL) TMW (WATER)

Ideal for hose end gravity and incline applications, these electronic turbine meters are an economical alternative for precise measurement of fuel and water.

FEATURES:

- Compact and lightweight
- Hose end mounting allows instant meter reading
- Large 4-digit display for easy reading
- Options for resettable batch and cumulative totals
- Sealed electronic circuitry ensures dependable operation
- Includes two AAA batteries (ready to use)
- 5 year warranty
- 10 year parts guarantee



TECHNICAL INFORMATION:

	TM	TMW
Accuracy:	+/- 5% of reading	+/- 5% of reading
Flow Range:	10-100 litres/minute	10-100 litres/minute
Max. Working Pressure:	2000 kPa / 300psi / 20 Bar	1000 kPa / 300psi / 20 Bar
Inlet / Outlet Thread:	1" BSPT	1" BSPT
Maximum Temperature:	54°C (131°F)	54°C (131°F)
Weight (approx):	370 grams	200 grams
Dimensions:	102mm (L) x 54mm (W) x 62mm (H)	105mm (L) x 54mm (W) x 64mm (H)



Oval Gear Meters for Fuel & Oil

OGMA25 / OGMA40 / OGMA50



These aluminium oval gear meters have the ability of handling a wide range of fluid viscosities with exceptional levels of repeatability and accuracy. They are fitted with a mechanical display, which features a 6-digit accumulative totaliser and 4-digit resettable batch totaliser. Not suitable with fluids that are aggressive to Aluminium or Viton.

FEATURES:

- Oval gear positive displacement technology
- BSP Female ports
- Suitable for lubricants and fuels
- Push button reset
- Display can be rotated in 90 degree steps



Technical Data			
	OGMA25	OGMA40	OGMA50
Port Size (BSP)	1"	1.5"	2"
Minimum Flow Rate	20 l/min	25 l/min	30 l/min
Maximum Flow Rate	120 l/min	250 l/min	300 l/min
Accuracy	+/- 0.5%	+/- 0.5%	+/- 0.5%
Repeatability	<0.03%	<0.03%	<0.03%
Maximum Viscosity	1000 CPS	1000 CPS	1000 CPS
Maximum Operating Pressure	34 Bar	18 Bar	18 Bar
Weight	2 Kg	5 Kg	5 Kg

Air Filters & Regulators

LUBRICATION EQUIPMENT



JAC2000

Our filter and regulator assemblies are designed to regulate the air pressure as well as remove dust, dirt and moisture from the air. Suitable for workshop air supply set ups.

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JAR2000



JAFR2000



JAFC2000



JBR4000



JBFC4000



JBC4000



JBFR4000

Technical Data								
	JAR2000	JAFR2000	JAC2000	JAFC2000	JBR4000	JBFR4000	JBC4000	JBFC4000
Operating Fluid	Air	Air	Air	Air	Air	Air	Air	Air
Adjustable Pressure Range	0.5 - 8.5 Bar	0.5 - 8.5 Bar	0.5 - 8.5 Bar	0.5 - 8.5 Bar	0.5 - 8.5 Bar	0.5 - 8.5 Bar	0.5 - 8.5 Bar	0.5 - 8.5Bar
Max Working Pressure	15 Bar	9.5 Bar	15 Bar	15 Bar	9.5 Bar	9.5 Bar	9.5 Bar	9.5 Bar
Inlet/Outlet	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/2" BSP	1/2" BSP	1/2" BSP	1/2" BSP
Temperature Range	5-60°C	5-60°C	5-60°C	5-60°C	5-60°C	5-60°C	5-60°C	5 - 60°C
Suggested Lubricant	N/A	N/A	ISO VG32 or same grade oil	ISO VG32 or same grade oil	N/A	N/A	ISO VG32 or same grade oil	ISO VG32 or same grade oil
Material (Body) Cup	Die Cast Aluminium PE	Die Cast Aluminium PE	Die Cast Aluminium	Die Cast Aluminium PE	Die cast Aluminium PE	Die cast Aluminium PE	Die cast Aluminium PE	Die cast Aluminium PE
Capacity of Oil Cup	N/A	N/A	25cc	25cc	N/A	N/A	60cc	60cc
Capacity of Filter Cup	N/A	15cc	15cc	15cc	N/A	60cc	90cc	90cc

Air Regulator

ZAR14 / ZAR12



Specifications		
	ZAR14	ZAR12
Maximum Flow Rate	21 CFM (600 LPM)	140 CFM (4000 LPM)
Pressure Adjustment Range	7 to 145 PSI (0.5 to 10 BAR)	7 to 145 PSI (0.5 to 10 BAR)

Maintains steady outlet pressure, unaffected by variations / fluctuations in the inlet pressure.

FEATURES:

- Supplied complete with pressure gauge and mounting bracket.
- Aluminium die cast construction with a non-raising "Press To Lock" adjusting knob for locking at any set pressure.
- Can be installed in any position (horizontal / vertical)
- Max. Pressure 220PSI (15 BAR)
- ZAR14 1/4" BSP (F) inlet/outlet port size.
- ZAR12 1/2" BSP (F) inlet/outlet port size.



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Filter Regulator Combination

ZFR14 / ZFR12



Specifications		
	ZFR14	ZFR12
Maximum Flow Rate	20 CFM (550 LPM)	106 CFM (3000 LPM)
Pressure Adjustment Range	7 to 145 PSI (0.5 to 10 BAR)	7 to 145 PSI (0.5 to 10 BAR)
Filtering Element	Sintered Bronze (40 Micron)	Sintered Bronze (40 Micron)
Drain Type	Semi Automatic	Semi Automatic

Compact combination unit for removing contaminants and moisture from compressed air in addition to regulating air pressure.

FEATURES:

- Supplied complete with pressure gauge, bowl guard and mounting bracket.
- Regulator has a non-raising "Press To Lock" adjusting knob for locking at any set pressure.
- Filter is designed with a separator and shield for efficient moisture separation.
- Semi automatic drain.
- Max. Pressure 145PSI (10 BAR)
- ZFR14 1/4" BSP (F) inlet /outlet port size.
- ZFR12 1/2" BSP (F) inlet /outlet port size.



Filter Regulator and Lubricator

ZFRL14 / ZFRL12



Space saving 2 pc modular filter-regulator combination and lubricator. Filter removes contaminants and moisture from compressed air. Lubricator feeds lubricants to air operated equipment maintaining a constant oil-to-air density over a wide range of flow.

FEATURES:

- Supplied complete with pressure gauge, bowl guard and mounting bracket.
- Regulator has a non-raising "Press To Lock" adjusting knob for locking at any set pressure.
- Oil drop indicator.
- Semi automatic drain.
- Max. Pressure 145PSI (10 BAR)
- ZFRL14 1/4" BSP (F) inlet/outlet port size.
- ZFRL12 1/2" BSP (F) inlet/outlet port size.



Specifications		
	ZFRL14	ZFRL12
Minimum Flow Rate	0.42 CFM (12 LPM)	1.59 CFM (45 LPM)
Maximum Flow Rate	18 CFM (500 LPM)	99 CFM (2800 LPM)
Pressure Adjustment Range	7 to 145 PSI (0.5 to 10 BAR)	7 to 145 PSI (0.5 to 10 BAR)
Filtering Element	Sintered Bronze (40 Micron)	Sintered Bronze (40 Micron)
Drain Type	Semi Automatic	Semi Automatic

Safety Blow Guns

ZSBG1 / ZSBG2 / ZSBG3



A unique range of safety blow guns that offer maximum blowing force with minimal air consumption.

FEATURES:

- Impact and weather resistant body.
- Corrosion resistant stainless steel nozzle and parts.
- Ergonomic design with soft rubber grip that helps eliminate the risk of Carpel Tunnel Syndrome.
- Brass threaded air inlet ensures that threads do not shear with repeated use.
- Variable speed trigger for full control of amount of air dispensed.
- Silent operation with noise level under 80db. Conforms to OSHA STD 1910-95 (b) for max. Noise level when used with air with 6 BAR (90 PSI) pressure.
- Confirms to OSHA STD 1-13.1 for safety & are classified as safety blow guns.
- Operating pressure 3.5 BAR to 16 BAR (50 PSI to 235 PSI)
- Operating temperature - 10°C to 70°C (14°F to 158°F)



Specifications				
Part No.	Description	Noise Level at 100 PSI	Blowing Force at 100 PSI	Air Consumption at 100 PSI
ZSBG1	Air blow gun with snub nose rubber tip (OSHA ok)	77db	0.26kgs / 0.57lbs	15.89 CFM
ZSBG2	Air blow gun with stainless steel nozzle (OSHA ok)	80db	0.35kgs / 0.76lbs	15.18 CFM
ZSBG3	Air blow gun with stainless steel nozzle and silencer (OSHA ok)	75db	0.31kgs / 0.68lbs	13.42 CFM

L100 Oil Pump / L101 Chemical Pump

SPECIALTY PUMPS

L100 OIL PUMP

Oil pump, suitable for use with engine oil, gearbox oil, transmission fluids and is capable of delivering 500mls (1 Pint) per stroke and is suitable for containers from 60 litres (16 US gal) to 205 litres (55 US gal) containers.

L101 CHEMICAL PUMP

The L101 is a hand chemical pump manufactured from Nylon 66 and provides a safe, economical and efficient pump to transfer a wide range of low to medium viscosity fluids and chemicals. The hand chemical pump is capable of delivering 500mls (1 pint) per stroke and is suitable for containers from 60 litres (16 US gal) to 205 litres (55 US gal).

FEATURES:

- Suitable for a wide range of fluids
- Delivers 500mls (1 pint) per stroke
- Telescopic suction tube
- Fits 60 litre (16 US gal) to 205 litre (55 US gal) containers



macnaught



Lever AdBlue Pump

ZPLP02

Lever action barrel pump for AdBlue, antifreeze, detergents, pesticides and high viscosity oils. Supplied with suction tube and 2m discharge hose.

FEATURES:

- Pump outlet is fitted with an air vent cap, which when loosened breaks the siphon action
- Supplied complete with suction tube for use with 50-205ltr drums and 2m ³/₄" flexible corrugated discharge hose
- Wetted components: polyacetal, polypropylene, polyethylene, viton
- For use with: Adblue, water based media, detergents, soaps, antifreeze, windscreen washer, hydraulic oils, herbicides and pesticides
- Do not use with: Any media not compatible with materials used in the pump construction. These pumps must not be used for fuel transfer or with solvent thinners etc.

GROZ



Lever Action Barrel Pump

RB2088

Polypropylene lever action barrel pump designed for dispensing a variety of fluids. Adblue, anti-freeze, oils, diesel fuels, fertilizers and degreasers.

FEATURES:

- Fitted with non-drip nozzle
- Suitable for use with AdBlue, fertilizers, herbicides, pesticides, water, anti-freeze, mild acids, oils, diesel fuels and degreasers.



SPECIFICATIONS:

Drum size:	60l to 205l drums – telescopic riser 950mm
Pump output:	325ml per stroke
Drum adapter:	2" BSP
Viscosity:	Lubricating oils up to SAE40
Max temperature:	60°C
Wetted components:	Polypropylene & NBR seals

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Hand Operated Diaphragm Pump

ZDPP20

Hand operated diaphragm pump, designed to work in any position, vertical, horizontal or even upside down. Constructed from minimal parts, so the pump is virtually maintenance free. The choice of materials used in the pump construction allows high chemical compatibility making it useful for a variety of applications in industrial, agricultural, automotive and marine.

FEATURES:

- Pump supplied complete with suction and discharge hose (1" I.D. x 2m), delivery nozzle, hose clamps, drum attachment kit for converting pump for mounting on drums with 2" opening, complete with suction drum hose (3/4" I.D. x 1.25m), connecting links and strainer.
- Delivers 16.6 L/pm (4.40 gal. per minute)
- Temperature -10°C - +40°C (14°F - 104°F)
- Recommended use: water, sea water, diesel, bio diesel, kerosene, gasoline, mineral oils, heating oils, synthetic oils, engine oils, anti freeze, emulsions and liquids with small bodies in suspension.
- Do not use with food grade media.
- Warranty 12 months



Nylon Chemical Pump

ZCMP12

Self-priming vertical lift pump designed primarily for use with standard paint thinners.

FEATURES:

- Nylon construction with stainless plunger rod and PTFE seals.
- Complete with 2" polypropylene bung adaptor for use with 205ltr (55 gallon) drums.
- Recommended use: standard paint thinners, acetone, antifreeze, brake cleaner, detergents, glycerine, water, weed killer, mild acids, AdBlue, urea, DEF, petroleum based media etc.
- Do not use with: strong acids, bleach, gasoline etc.
- Warranty 12 months



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Ezee Flo Pump (Thinners)

ZEZF1

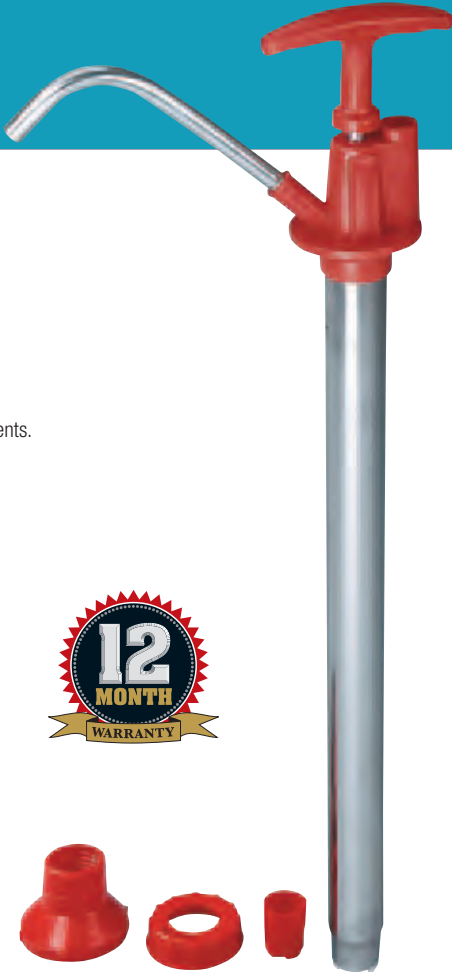
Versatile hand lift pump for 20/25ltr drums of standard thinners.

FEATURES:

- Heavy-duty steel suction tubes with high-density polyethylene pump head.
- Supplied with three interchangeable bung adaptors & suction tube extension
- Delivers 1 litre (1 quart) / 15 strokes
- Wetted components: steel, polyethylene, derlin
- Recommended use: Standard thinners and most solvents that compatible with wetted components.
- Not suitable with water based products and acids.
- Fitted with rigid steel spout.



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Coolant/Liquid Mixers

ZCMX/1 / ZCMX/2

The Groz coolant/liquid mixers use a rotary disc valve which is precision CNC machined from stainless steel and is highly accurate. The compact construction and minimal parts makes them easy to install, highly reliable and virtually maintenance free, whilst providing easy and fast adjustment. Common applications are mixing liquid coolant concentrate and detergents with water for supply to machines.

FEATURES:

- Lightweight aluminium body
- Driven by pressure from water supply
- Includes full flow brass ball valve & also fitted with 2 back flow preventers
- Adjustment of mixing ratio is variable & controlled through a simple turn of the knob



Specifications			
	Application	Mixing Ratio	Capacity
ZCMX1	Metal Working Fluids	0 to 13%	1100 litres per hour
ZCMX2	Soap Solutions	0 to 62%	1250 litres per hour

Macnaught Lubrication Accessories

GREASE COUPLERS

GREASE COUPLERS

ACK2 Aviation Kit

Accessories typically required when lubricating aircraft. Items included are KDN, KDS, KDE8, KDF21, KY, KZDXL, KZHY, KZLNJ, KZLNS, KZLNR, KZLN45, KZSNR and J65. Photos and descriptions of these items are included in this section.



CK1 Industrial Greasing Accessory Kit

A range of accessories typically required by industrial users in conjunction with air operated grease pumps. Items include KDR, KGR, KSR, KZD, KDE8, PDF13 and PDF21. Photos and descriptions of these items are included in this section.



CK2 Industrial Greasing Accessory Kit

Also for Industrial Users, this kit is suitable for use with hand operated grease guns. Items include KDR, KDE8, KDF13, KZD, KDF21, KGR and KSR.



FK1 Farm Greasing Accessory Kit

A range of accessories typically required by farmers in conjunction with air operated grease pumps. Items include KDR, KGR, KSR, KZD, PDF15 and PDF21.



FK2 Farm Greasing Accessory Kit

A range of accessories typically required by farmers in conjunction with hand operated grease guns. Items include KDF13, KDF21, KDR, KFR and KZD. Photos and descriptions of these items are included in this section.



KY Coupler

Standard Supergrip coupler supplied with Macnaught grease guns and pumps. Designed to fit most grease nipples and grease guns.



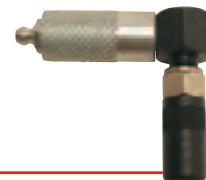
KDS Right Angle Coupler with a Short Side

For use in spaces when the area above the nipple is very limited and can also be used with a flexible extension.



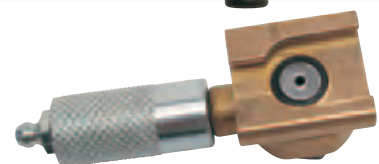
KDR Right Angle Coupler

For use in spaces when the area above the nipple is limited and can also be used with a flexible extension.



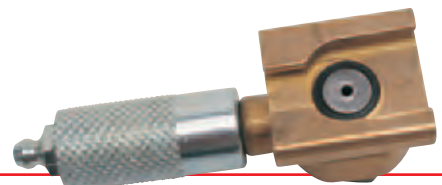
KSR Standard Buttonhead Coupler

For use on plant and machinery fitted with 5/8" buttonhead nipples.



KGR Giant Buttonhead Coupler

For use on plant and machinery fitted with 7/8" buttonhead nipples.



Macnaught Lubrication Accessories

AIR EQUIPMENT / HIGH PRESSURE / MANUAL EQUIPMENT

GREASE COUPLERS

KRV Pressure Release Valve

Helps to prevent nipples from breaking off and couplers from splitting. Recommended for use with the K6 Mini-Lube, P3 Power-Lube, P6 & P8 Maxi-Lubes.



KZD Needlenose Coupler

Used when nipples are recessed and standard couplers would meet with interference from surrounding components e.g. universal joints, etc.



KZDXL Straight Needlepoint Coupler

A 120mm (4 3/4") needlepoint coupler that is ideal for greasing the bearings on four wheel drive vehicles.



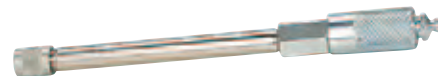
KZE Concave Nipple Coupler

Used when vehicles are fitted with special nipples or, in some cases, when normal nipples are damaged.



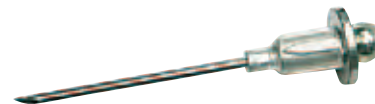
KZX Concave Nipple Coupler

A 20cm (8") rigid extension fitted with a concave press-on coupler.



KN Grease injector Needle

Small needle used to inject sealed bearings and small lubrication points with grease when no grease nipples are present.



KZHY Hyperdermic Needlepoint Coupler

Ideal for use on bearings fitted with rubber dust covers.



KZLN 45° Needlepoint Coupler

A 30cm (12") straight needlepoint coupler with a 45° bend at the end. For use with aircraft.



KZLNJ 'J' Needlepoint Coupler

A 30cm (12") straight needlepoint coupler with a 'J' bend at the end. For use with aircraft.



KZLNR 90° Needlepoint Coupler

A 30cm (12") straight needlepoint coupler with a 90° bend at the end. For use with aircraft.



Macnaught Lubrication Accessories

GREASE COUPLERS / GREASE EXTENSION HOSES / AIR EQUIPMENT

GREASE COUPLERS

KZLNS Straight Needlepoint Coupler

A 30cm (12") straight needlepoint coupler for use with four wheel drive vehicles.



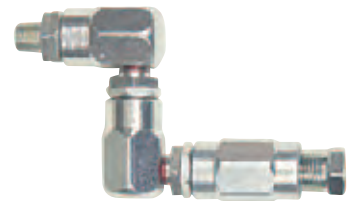
KZSNR 90° Needlepoint Coupler

A 11cm (4 1/4") needlepoint coupler with a 90° bend at the end.



ZSB Swivel

A 360° swivel. Supplied with B2 booster gun.



GREASE EXTENSION HOSES (FLEXIBLE/RIGID)

KDE8 Extension

A 220mm (5 5/8") push on rigid extension coupler with nipple to fit Supergrip KY Coupler for use with grease guns.



KFR Rigid/Flexible Extension

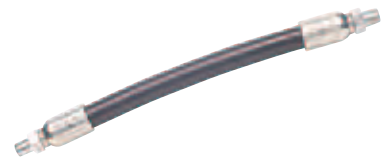
A 33cm (13") extension with a sliding sleeve that allows for either flexible or rigid operation. Thread is 1/8" BSP (M) and fitted with Supergrip KY Coupler.



AIR EQUIPMENT

PF9 Flexible Extension

A 23cm (9") high pressure flexible extension suitable for use with air operated greasing equipment. 1/8" BSP (M) threads.



PF17 Flexible Extension

A 43cm (17") high pressure flexible extension suitable for use with air operated greasing equipment. 1/8" BSP (M) threads.



PDF13 Push On Extension

A 33cm (13") push-on flexible extension for air operated equipment. Ideal for working in confined spaces.



PDF21 Push On Extension

A 53cm (21") push-on flexible extension for air operated equipment. Ideal for working in confined spaces.



Macnaught Lubrication Accessories

AIR EQUIPMENT / HIGH PRESSURE / MANUAL EQUIPMENT

AIR EQUIPMENT

PF6 Extension Hose

A 4m high pressure extension hose with 1/4" NPT (M) threads. Standard supply with the P3 POWER-LUBE and P6 MAXI-LUBE.



PF8 Feeder Hose

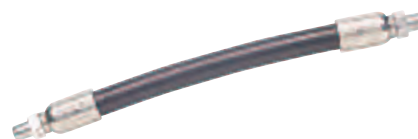
A 2.5m high pressure feeder hose supplied when P8 Complete ordered. 1/4" BSP (M) swivel end and 1/4" BSP (M) fixed end.



HIGH PRESSURE

PF9 Flexible Extension

A 230mm (9") high pressure flexible extension with 1/8" BSP threads. Supplied with K29 Flexigun and KF53 Power Pistol.



PF17 Flexible Extension

A 43 cm (17") high pressure flexible extension with 1/8" BSP threads.



MANUAL EQUIPMENT

KDF13 Flexible Extension

A 33cm (13") push on flexible extension with nipple to fit Supergrip KY Coupler for use with manual grease guns. Ideal for working in confined spaces.



KDF21 Flexible Extension

A 53cm (21") push on flexible extension with nipple to fit Supergrip KY Coupler for use with manual grease guns. Ideal for working in confined spaces.



TA-3K Lubricator Kit

An airline oil lubrication kit for use with R100, R300 and R500 air powered oil pumps. The oil keeps the air motor free from corrosion and reduces seal wear.



TA-4K Pressure Regulator Kit

A preset air pressure regulator for use with the P3 Power-Lube, P6 Maxi-Lube and P8 Maxi-Lube grease pumps. Keeps air pressure at the ideal level for longer pump life.



TA-5K Quick Release Coupler Kit

A snap-on connector for easy connection of air powered equipment to the airline.

Macnaught Lubrication Accessories

AIR LINE ACCESSORIES / OIL CONTROL GUN ACCESSORIES / SUCTION TUBES

AIR LINE ACCESSORIES

TA16 Air Valve

A simple but very reliable on/off air valve for use with air operated grease and oil pumps.



OIL CONTROL GUN ACCESSORIES

HGNZL Automatic Nozzle

Fully automatic non-drip nozzle.



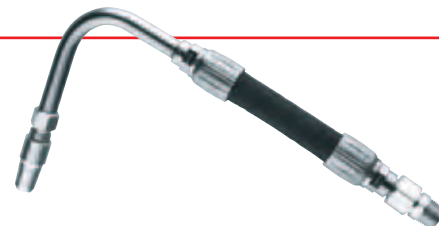
HGFM Flexible Metal Extension

300mm (12") flexible 'set in place' metal extension.



HGFNZ Flexible Extension

250mm (10") flexible extension complete with semi-automatic non-drip nozzle.



HGREX Rigid Extension

150mm (6") rigid extension.



HGFEX Flexible Extension

250mm (10") flexible extension.



Multi-coloured Shrouds for Oil Control Meter Guns

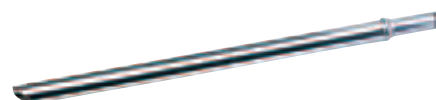
Colour coded shrouds are manufactured from oil and shock resistant polyester. They are specially designed to fit Macnaught Oil Control Meter Guns. The shrouds allow extra protection to the heavy duty metal construction. The colours (pack of 4) enable the user to safely identify the fluids to be dispensed. Quote Ref. CS4M for model HG40 and CS4E for models HG55 and HG60.



SUCTION TUBES

TB25S Suction Tube (T512 Oilmaster)

A suction tube for use with the T512 Oilmaster pump in drums and tanks to 1200mm deep. 25mm (1") UNEF (M) thread.



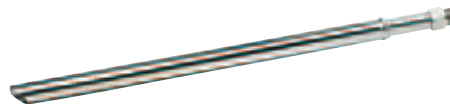
Macnaught Lubrication Accessories

SUCTION TUBES / FEEDER HOSE / FUEL FILTERS AND NOZZLES

SUCTION TUBES

TD42S Suction Tube (R300S Pressure Flo)

A suction tube for use with the R300 Pressure-Flo pump in drums and tanks to 1200mm deep. Complete with fixing adaptor.

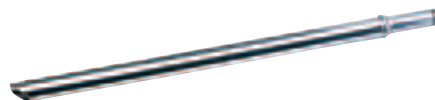


TB26S Suction Tube (T512 Only)

For use with the T512 Oilmaster pump when improved priming is required. For use in drums and tanks to 1200 deep. 25mm (1") UNEF (M) thread.

TB17S Suction Tube

A suction tube suitable for use with the R100's (stub) ratio oil pump in drums and tanks to 1200mm deep. Complete with 1" BSP fixing adaptor.

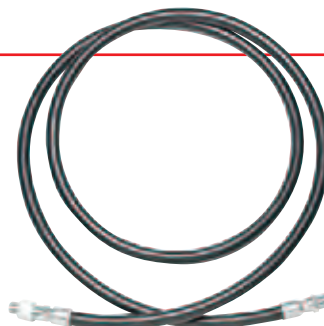


FEEDER HOSE

TB-20K/TD-25K Feeder Hose

TB-20K. A 3m (10ft) high pressure feeder hose for use with the T512 Oilmaster pump. The hose has an I.D. of 12.5mm (½") and a working pressure of 6900kPa/1,000 PSI/69 Bar.

TD-25K. A 3m (10ft) high pressure feeder hose for use with the R300 Pressure-Flo pump. The hose has an I.D. of 12.5mm (½") and a working pressure of 2800kPa/400 PSI/28 Bar.



FUEL FILTERS AND NOZZLES

GB Fuel Filter

A 10 micron paper element fuel filter for use with the GP Rapid Flo fuel pump. Inlet and outlet threads are 25mm (1") NPT (F) and fittings are included for easy installation to the Rapid Flo pump.



HA Fuel Filter

A 10 micron filter for use with the PVR and PVRH rotary pump. Inlet and outlet threads are 25mm (1") NPT (F) and fittings are included for easy installation to the PVR and PVRH rotary pump.



VA Fuel Filter

A 10 micron paper element fuel filter for use with the VR or VRH rotary pump. Inlet and outlet threads are 25mm (1") NPT (F) and fittings are included for easy installation to the VR or VRH rotary pump.



CF Strainer

A fine-mesh strainer used in conjunction with Macnaught's C series pumps for pumping either automatic transmission fluids or hydraulic oils. The CF Strainer fits the C7, C11 and C13 gear oil pumps and is included in the pump when CF7 is ordered.



Macnaught Lubrication Accessories

FUEL FILTERS AND NOZZLES / TROLLEYS / GENERAL ACCESSORIES / DISPLAY STANDS AND AFTER SALES SUPPORT

FUEL FILTERS AND NOZZLES

HNU Nozzle

A fuel hose nozzle for unleaded petrol, designed to suit either the HP Litre-Stroke or GP Rapid-Flo fuel pumps.



TROLLEYS

TR5 Trolley

A drum trolley designed to suit 15 litre (4 gal) to 25 litre (6 gal) oil and 12.5kg (28lb) to 22kg (48lb) grease containers.

TR6 Trolley

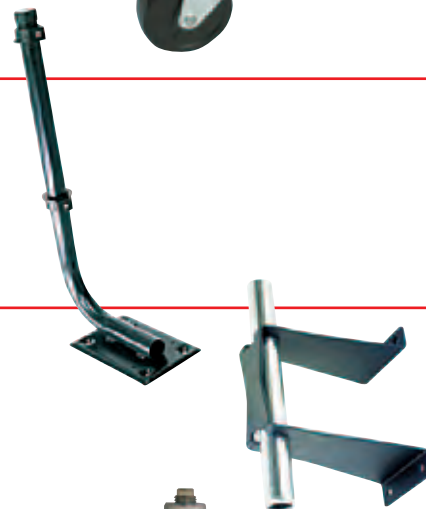
A drum trolley designed to suit 50 litre (13 gal) to 60 litre (16 gal) oil and 50kg (110lb) to 55kg (120lb) grease containers.



GENERAL ACCESSORIES

BB100 Retracta Bracket

An optional bracket for mounting Retracta reels on a bench, floor or high wall.



BU100 Retracta Bracket

Standard bracket supplied with all Retracta reels for either wall or overhead mounting.



GBP1 Grease Bearing Packer

Suitable for bearings 12mm (1/2") to 125mm (5").



TD20 Wall Bracket

Wall mounting bracket for remote installations. For use with R100/R300/T512 oil pumps.



DISPLAY STANDS AND AFTER SALES SUPPORT

MP101/MP102/MP103

A range of display stands are available for resellers and come flat packed for easy assembly. Please contact Redashe for dimensions and further information.



Lubeworks Lubrication Accessories

Z SWIVEL / FLEXIBLE EXTENSION / 50KG DRUM TROLLEY / 180KG DRUM TROLLEY

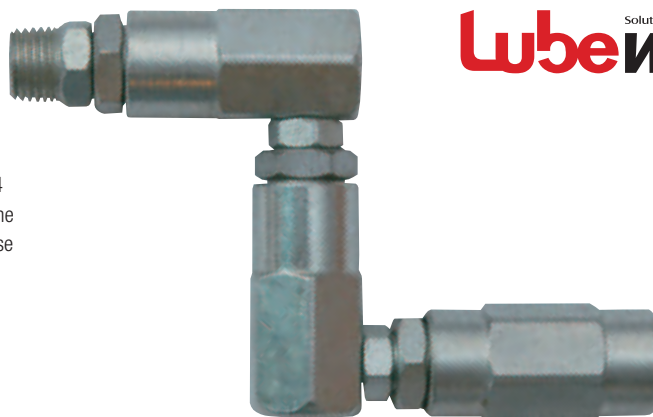
Z Swivel

J1785702

Normally used in conjunction with a grease control valve and is supplied as standard equipment with J1700512 and J1700524 grease systems, allows for a full 360° rotation giving the user the flexibility to grease in awkward areas, without tangling the grease hose.

FEATURES:

- 1/4" male and female
- Full 360° rotation
- Fits control valves with 1/4" female inlets



Solution for Lubricating Equipment
LubeWORKS™



Flexible Extension

J1786004-1

J1786004-1 - Flexible Extension
A 300mm (12") screw in flexible extension with 4-jaw coupler.

FEATURES:

- 4-Jaw coupler
- 300mm (12") Flexible extension
- Maximum working pressure 7000psi
- 1/8" BSP Male threads on either end



J1785701H - Hydraulic Coupler
Four jaw coupler designed to fit most grease nipples & grease guns.

FEATURES:

- 4-Jaw coupler
- Threaded M10x1
- Safe working pressure 600bar/8,700psi

50kg Drum Trolley

J1708001

Drum trolley for 50ltr/50kg drums with four wheels, two large and two swivelling.

FEATURES:

- Suitable for 50ltr/50kg drums
- Adjustable pump support bracket
- Weight 11kgs



Solution for Lubricating Equipment
LubeWORKS™



180kg Drum Trolley

J1708003

Drum trolley for 205ltr/180kg drums with four wheels, two large and two swivelling, one equipped with a brake.

FEATURES:

- Suitable for 205ltr/180kg drums
- Adjustable supports suitable for gun, hose or other accessories
- Wheel brake included
- Weight: 41kgs

Solution for Lubricating Equipment
LubeWORKS™



Groz Lubrication Accessories

4-JAW HYDRAULIC COUPLER / SWIVELLING BUTTON COUPLER / EZEE LUBE KIT/ HEAVY DUTY GREASE HOSE

Hydraulic Coupler 4-Jaw

ZHC144B

Professional hydraulic coupler. 4-Jaw 1/8" BSPT thread and hex nut

FEATURES:

- 4-Jaw construction
- Maximum pressure 6000psi 413bar
- Suitable for hand operated grease guns
- Hexagonal nut for easy tightening



For up to date information and prices please visit our web site - www.redashe.co.uk

Swivelling Button Coupler

ZBHC

Zinc die cast coupler body for greasing button head fittings, found mostly on heavy machinery or contractor's equipment.

FEATURES:

- Maximum working pressure 3,000psi (207bar)
- Swivelling for 5/8" (16mm) button head fittings.
- Metal seal increases resistance to wear.
- Warranty 12 months.



Ezee Lube Kit

ZGAK7

The Ezee lube kit comprises of a range 7 quick connect lube accessories to help with those difficult greasing jobs.

FEATURES:

- Can be used in conjunction with any 3-jaw or 4-jaw couplers
- Only suitable for hand operated grease guns



Heavy Duty Grease Hose

ZGH300 / ZGH500

Heavy-duty high-pressure flexible extensions, suitable for both hand and air operated grease guns. Fitted with 1/8" BSPTM ends.

FEATURES:

- Superior construction- Inner tubing is polyamide with polyurethane sheathing, reinforced diagonally in highly tear resistant polyester.
- ZGH300 - Length (End To End) 12" 300mm
- ZGH500 - Length (End To End) 20" 500mm
- Working pressure: 5,800 PSI (400 BAR)
- Warning: Never use beyond recommended working pressure.



Groz Lubrication Accessories

FLEXIBLE/RIGID EXTENSION / GREASE GUN HOLDER / GREASE NIPPLE PK 50 / GREASE NIPPLE PK 80

Flexible Rigid Extension

ZFRE



Grease gun extension that works as a rigid 13" (330mm) long steel extension or converts into a flexible hose extension for greasing hard to reach fittings.

- FEATURES:**
- Suitable for use with hand and air operated grease guns.
 - Sliding sleeve that allows for either rigid or flexible operation.
 - Supplied with professional 4-jaw coupler.
 - Working pressure: 5,000 PSI (345 BAR)

Grease Gun Holder

ZGGH01



Simple snap action clamp for safe storage of grease guns and suction guns.

- FEATURES:**
- Mounts on almost any surface.
 - Manufactured from heavy gauge steel sheet with zinc-plated finish.
 - Suitable for barrel diameter 2.1/4" (57mm) standard 400g grease guns.



Assorted Grease Nipple Pack 50pc BSPT

ZBSP50

50 pcs of BSPT grease fittings.



Technical Data			
Thread Spec.	Straight	45 Degree	90 Degree
1/8" - 28 BSPT	20	5	5
1/4" - 19 BSPT	10	5	5



Assorted Grease Nipple Pack 80pc Metric

ZM80

80pcs of Metric grease fittings.



Technical Data		
Thread Spec.	Straight	90 Degree
M6 x 1	20	10
M8 x 1	15	10
M10 x 1	15	10



Groz Lubrication Accessories

EASY OUT TOOL / Z SWIVEL / AUTOMATIC NON DRIP NOZZLE / BUNG NUT

Easy Out Tool

ZES01

Handy dual-purpose tool for removing worn and broken grease fittings as well as re-tapping holes for installing new grease fittings.

FEATURES:

- Works with straight and angled fittings.
- Hex size $\frac{5}{16}$ " and $\frac{3}{8}$ " (9mm)
- Tap re-threads $\frac{1}{8}$ " - 27



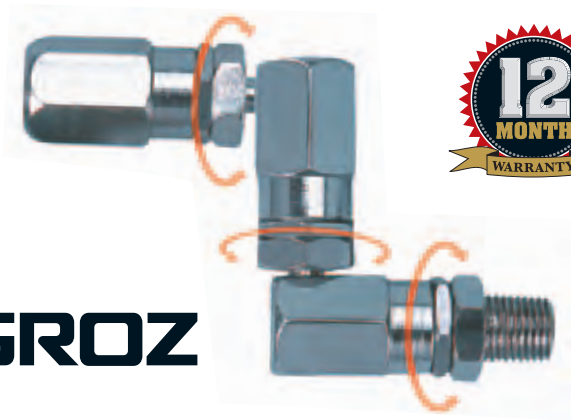
High Pressure 'Z' Swivel

ZHPZS

Installed between the delivery hose and grease control valve, swivels permit easy handling of control valves and prevent damage to hose caused by twisting. Constructed from heavy-duty steel with ball bearings for smooth operation and free unrestricted movement through 360 degrees.

FEATURES:

- Max working pressure 6,000 PSI (413 BAR)
- Thread specification $\frac{1}{4}$ " BSPT (M) - $\frac{1}{4}$ " BSPT (F)



Automatic Non-Drip Nozzle

ZNDN

Automatic non-drip nozzle, designed with multiple check valves to achieve absolute non-drip. The nozzle opens automatically under pressure; and closes automatically with the release of pressure. The discharge end has a narrow section allowing the nozzle to dispense in to small openings. Designed to minimize pressure loss.

FEATURES:

- $\frac{1}{4}$ " BSPT (F) inlet thread



Bung Nut

ZBN

Aluminium drum bung for use primarily with air operated pumps.

FEATURES:

- Bungs can be adjusted anywhere on the suction tube and tightened using the wing nut.
- Zinc die cast locking nut inside holds the suction tube.
- Inside diameter 42mm (Standard on all Groz ZAOP series oil pumps)
- Warranty 12 months.



Groz Lubrication Accessories

WALL MOUNTING BRACKET / FOOT VALVE / FUNNEL & FLEXIBLE SPOUT / FLEXIBLE SPOUT MEASURE

Wall Mounting Bracket

ZMB

All steel wall-mounting bracket for installing stub pumps.

FEATURES:

- Fitted with welded 2" (F) bung.
- Length 4 - 3/4" (120mm) Width 6" (150mm) Height 6" (150mm)
- Powder coated finish.
- Warranty 12 months.



Foot Valve

ZFV1

Used at the bottom of the suction tube as a non-return valve, which helps in retaining prime.

FEATURES:

- Machined aluminium construction with a steel non-return ball.
- 1" BSP (F) thread.



Funnel & Flexible Spout

ZFNL8 / ZFNL9B

Anti-splash and spill proof funnels, complete with mesh screen, dust cover and flexible spout.

FEATURES:

- 1.7litre and 3litre capacities available
- ZFNL9B supplied with 2" bung for direct attachment to drum
- Heavy duty polypropylene construction in translucent white to give clear view of media
- Spill proof funnel design
- Curved funnel ends to make it splash proof
- Supplied with dust cap and wire mesh screen to keep contaminants out



Flexible Spout Measure

ZFSM1 / ZFSM5

Plastic measures for transferring metered quantities.

FEATURES:

- 1litre and 5litre capacities available
- Manufactured from a translucent high density polyethylene
- Marked in both litres and quarts
- Comes complete with polyethylene flexible spout and polypropylene lid
- Measures must not be used to measure media for resale



Groz Lubrication Accessories

FUEL FILTER / FILTER ELEMENTS

Fuel Filter



ZFFL02B

High flow fuel filter with 10 micron fuel filter element.

FEATURES:

- Suitable for use with diesel fuel and gasoline
- Rust and weather resistant for years of service
- Translucent polypropylene bowl gives a visual check of the filter element
- Brass drain cock can be operated by a simple turn and releases accumulated water and unwanted contaminants
- 1" BSP Threaded aluminium inlet/outlet ports
- Maximum working pressure 150psi/10bar
- Wetted components aluminium, polypropylene, NBR, steel, paper element, nylon, brass
- Not suitable for use with water based products, aviation fuels and race fuels



Filter Element

ZFE10

Replacement fuel filter element 10 microns.

FEATURES:

- Suitable for use with diesel fuel and gasoline
- Wetted components aluminium, polypropylene, NBR, steel, paper element, nylon, brass
- Not suitable for use with water based products, aviation fuels and race fuels



Water Block Filter Element

ZFEWB

Replacement water block filter element that separates water from fuel.

FEATURES:

- Suitable for use with diesel fuel and gasoline.
- Not suitable for use with water based products, aviation fuels and race fuels.



FOR UP TO DATE INFORMATION AND PRICES
VISIT OUR WEB SITE - WWW.REDASHE.CO.UK

Groz Lubrication Accessories

DRUM HANDLING



ZDR - Drum Wrench

An easy and convenient tool to open almost all types of drums.

FEATURES:

- Designed to fit most 2" and 3/4" drum plugs
- Manufactured from cast aluminium, hardened and tempered for increased strength.



ZFAU34 - Drum Faucet / Tap

Fits into 3/4" threaded opening on 205 litre (55 gal) drums for convenient dispensing of media under gravity flow with the drum laid horizontally.

FEATURES:

- 3/4" (M) Thread
- Built-in bucket hangar
- Can be pad locked.



ZTRL60 Adjustable Drum Trolley

Adjustable drum trolley ideal for transporting oil/grease containers.

FEATURES:

- Fitted with adjustable mechanism for use with 12.5kg (28lbs) to 50kg (110lbs) containers.
- Steel construction in premium powder coated finish.
- Heavy-duty wheels for use in rigorous workshop environments.



ZDBC - Drum Bung Converter

Converts 2" fine male thread found on most pumps/drum bungs to 2" male coarse threads, making the pumps good for use on plastic drums and IBC's with 2" coarse female threads.

FEATURES:

- Polypropylene co polymer construction, designed with 4 protrusions for easy tightening.

**FOR UP TO DATE INFORMATION AND PRICES
VISIT OUR WEB SITE - WWW.REDASHE.CO.UK**



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